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U. S. DEPARTMENT OF THE INTERIOR

**ANNUAL REPORT OF THE
COMMISSIONER OF RECLAMATION
TO THE SECRETARY OF THE INTERIOR
FOR FISCAL YEAR ENDED JUNE 30, 1926**

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DEPARTMENT OF THE INTERIOR

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BUREAU OF RECLAMATION

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TWENTY-FIFTH ANNUAL REPORT

OF THE

BUREAU OF RECLAMATION

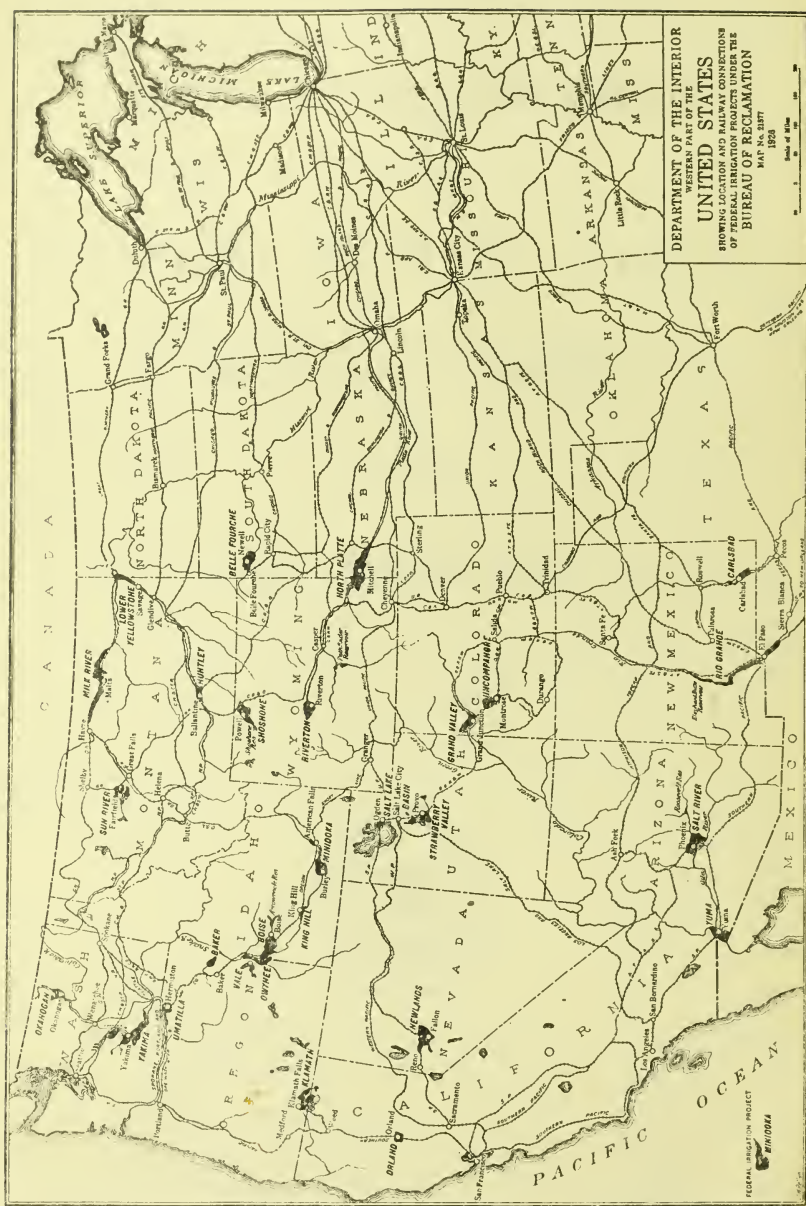
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FOR THE

FISCAL YEAR ENDED JUNE 30, 1926



WASHINGTON
GOVERNMENT PRINTING OFFICE
1926



DEPARTMENT OF THE INTERIOR
WESTERN PART OF THE
UNITED STATES
SHOWING LOCATION AND RAILWAY CONNECTIONS
OF FEDERAL IRRIGATION PROJECTS UNDER THE
BUREAU OF RECLAMATION
MANUSCRIPT
1903

FEDERAL IRRIGATION PROJECT
BY 10004

TWENTY-FIFTH ANNUAL REPORT

OF THE

BUREAU OF RECLAMATION

This report covers the period from July 1, 1925, to June 30, 1926, inclusive.

The total income to the Bureau of Reclamation during this period was \$11,573,157.21.

The total operation expense for the year was \$2,402,316.91.

The total payments received from water users for operation and maintenance were \$1,803,408.59.

Excess of operation and maintenance expense over receipts for the period amounted to \$598,908.32.

The total amount appropriated for construction was \$9,293,133.90.

The total amount expended on construction was \$6,390,667.73.

The total construction payments by water users were \$3,410,281.88.¹

The total payments from water users in fiscal year 1926 amounted to \$4,454,871.48.²

The total payments from water users in fiscal year 1925 amounted to \$3,811,620.19.³

Increase, \$643,251.29.

The total area on the projects proper provided with water for irrigation was 1,802,970 acres.

The total area irrigated was 1,320,300 acres.

The total area cropped was 1,242,750 acres.

The value of the irrigated agricultural products on the projects proper in 1924 was \$66,488,560.

The value of the irrigated agricultural products on the projects proper in 1925 was \$77,608,880.

In addition a complete or partial water supply was furnished to 1,340,000 acres of land under Warren Act contracts.

Of this, 1,019,170 acres were irrigated in 1925.

The cropped area was 951,250, producing crops having a gross value of \$53,655,850.

The total value of crops grown in 1925, therefore, on irrigated land furnished with water in whole or in part from the works of the Bureau of Reclamation was more than \$131,000,000.

Increase \$21,000,000 over 1924.

CONSTRUCTION AND OPERATION RECORD FOR 1925

The bureau operated 100 storage and diversion dams, having a combined volume of 19,221,000 cubic yards. It operated 16,000 miles of canals, waste-water ditches, and drains, of which 243 miles were constructed during the fiscal year.

¹ Includes American Falls Reservoir, \$758,818.99.

² Excluding American Falls Reservoir, \$758,818.99.

³ Excluding American Falls Reservoir, \$2,063,749.73.

Two thousand seven hundred and eighteen canal structures were built, bringing the total constructed at the end of the year to 143,881.

The bureau constructed 341 bridges, 446 culverts, 71,000 linear feet of pipe, and 82 flumes.

Earth and rock excavation during the year amounted to 5,801,885 cubic yards, making a total to the end of the fiscal year of 251,616,466 cubic yards.

The Gerber Dam on the Klamath project, Oregon-California, was completed.

McKay Dam for the irrigation of the greater Umatilla project, Oregon, will be completed before the end of the year.

Construction work was continued on the Guernsey Dam on the North Platte project, Nebraska-Wyoming, and on the American Falls Dam, Idaho.

Construction was begun on the Kittitas division of the Yakima project, Washington.

ADJUSTMENTS AND NEW DEVELOPMENT

The adjustment act was approved on May 25, 1926, providing for exclusion from project obligations of all unfit land, and suspending or wiping out charges on land temporarily or permanently unsuited to the production of paying crops.

Contracts under the act of December 5, 1924, were entered into with a number of projects, providing a new repayment basis and for the operation and maintenance of the projects by the water users.

Provision was made for an intensive settlement and development campaign on the Belle Fourche and Lower Yellowstone projects, under options covering a large enough acreage and at prices that will prove attractive to prospective settlers.

An appropriation of \$15,000 was made for an investigation of how cut-over and swamp land might best be developed, and plans were being made to investigate a number of suggested opportunities in the South for planned rural development.

ENGINEERING OPERATIONS AND NEEDS

With the exception of the Okanogan and Carlsbad projects, all projects operated in 1925 by the bureau had an ample water supply, the lands without vested rights on the Okanogan project receiving approximately one-third and Carlsbad lands about two-thirds of a full supply. On many projects rainfall during the irrigation season was unusually heavy with marked reduction in irrigation requirements. Material damage was done in some cases to distribution works by storms. The most serious damage occurred on the Rio Grande project from two heavy floods originating below the Elephant Butte Reservoir causing a maximum discharge in the Rio Grande about three times the previous greatest flow experienced since this reservoir was constructed in 1915. Large areas of crops were flooded and many adobe houses destroyed, but damage to irrigation works was not extensive.

On all projects except the Salt River, Yuma, Orland, and Strawberry Valley, extensive work was done in connection with the report of the boards of survey and adjustments, whose recommendations

were enacted into law by the so-called adjustment act approved May 25, 1926. All productive irrigable lands were classified into four classes of varying quality, in addition to the temporarily nonproductive and permanently nonproductive lands which were segregated in classes 5 and 6, respectively.

The following definitions of these six classes of land show clearly why the first four classes should pay construction and operation and maintenance charges, and why class 5 is temporarily suspended from payment and class 6 permanently:

Class 1.—Lands that with sufficient water and under approved systems of tillage produce the best crops on the project and that have such even topography that they may be easily irrigated with a minimum of leveling and labor under the approved system of irrigation practice for the project. These are the best lands on the project; of good soil and good topography.

Class 2.—Lands of the same productive power as those in class 1, but with a topography so uneven as to require more expense and more labor in the tillage and irrigation of the fields. Such lands, because of their topographic difficulties, are generally less capable of sustaining a completely diversified kind of agriculture. These are usually good lands of poor topography.

Class 3.—Lands of lower fertility or productive power, even with ample water and under good systems of husbandry, than those of the above classes. These lands may have an even topography, therefore easily irrigated, but are incapable of producing the yields of the lands under classes 1 and 2. The cause of this infertility may be inherent in the soil or may be due to alkali, gumbo, blow sand, shale, shallow or porous soil, or other factors characteristic of the project. These are poor lands, often of good topography.

Class 4.—Lands of poorer productivity than those of class 3 or of the same grade as class 3, but with such unfavorable topography as to increase the expense of cultivation and irrigation and to decrease the crop yield. These are poor lands of poor topography, often with excessive slopes.

Class 5.—Lands that are not at present susceptible of agricultural use, but which may gradually by tillage and under changing conditions be made sufficiently productive to justify cropping. Alkali and water-logged lands that may be improved by drainage; excessively heavy soils that may be improved by the incorporation of organic matter or indirect fertilizers; light, sandy soils that may be firmer by plant roots; steep soils that may be leveled, and other such soils should be included in this class.

Class 6.—Lands that appear to be permanently nonagricultural under the practices of irrigation farming.

SALT RIVER PROJECT, ARIZONA

The Salt River project was operated by the Salt River Valley Water Users' Association and has continued its program of additional storage and power development. Mormon Flat Reservoir has been completed and placed in operation. Construction has been started on the Horse Mesa Dam, which will be used largely for power purposes. A large number of wells were drilled and equipped with pumps to raise ground water from beneath the irrigated area to supplement the water supply diverted from the river.

YUMA PROJECT, ARIZONA-CALIFORNIA

On the Yuma project the construction of flood protection works for Picacho and Unnamed Washes on the Main Canal was practically completed during the fiscal year. Advertisements were issued and contract was awarded for the construction of the Siphon Drop Power Plant. The plant will be in operation about August 1, 1926, and will furnish 1,500 electrical horsepower.

Bids were opened on March 18 for the purchase of surplus power from the power plant, the specifications requiring the successful bidder to enter into a contract for a term of 10 years. The contract was awarded to the Southern Sierras Power Co. under their bid of 1 cent per kilowatt-hour for all energy furnished between the hours of 8 a. m. and 8 p. m., and three quarters of a cent per kilowatt-hour for the remainder of the day, with a minimum monthly payment at the above rates on the basis of the entire amount of energy available at the plant.

The completion of the drainage system on the Yuma Valley division has been provided for, but additional drainage may be needed on the reservation division. A workable plan is needed for the control of silt and water grass, which now makes the operation and maintenance of the distribution system difficult and expensive. Experiments with concrete lateral lining have proved that this will solve the problem, but further improvements of this kind are awaiting the necessary funds.

The cost of maintaining the levees of the Colorado River, to confine it to its course and prevent flooding of adjacent lands, has been a serious financial burden on the water users of this project, amounting to about \$100,000 a year. Legislation was enacted to relieve them of part of this cost and an appropriation of \$35,000 from the General Treasury has been made for the Government's share of this work for the fiscal year 1927.

The Mesa division of the project embraces about 45,000 acres of sandy land south and southeast of Yuma, Ariz. Lands in Unit B, comprising about 6,300 acres, were designated for sale on December 10, 1919, at a minimum price of \$25 per acre and an additional cost of \$200 per acre for construction charges. The distribution system has been completed for 3,800 acres. Only 675 acres are under development and 1,080 acres still remain unsold.

The construction of a hydroelectric power plant on the Yuma project will soon furnish power for pumping purposes at about 35 per cent of the present cost. During the first five months of 1926, nearly 5 miles of the open earth section laterals were concrete lined, and this work should be continued as additional lands are put in cultivation.

ORLAND PROJECT, CALIFORNIA

On the Orland project a small amount of concrete lining was placed on the distribution system. The project experienced in a considerable degree the effects of the severe water supply shortage of the preceding year in less than normal yields of both orchard and field crops, emphasizing the need for the early construction of the proposed Stony Gorge reservoir to provide supplemental storage facilities. Supplemental agreements for the proposed work were

decisively voted by the project landowners and Congress appropriated \$600,000 for beginning construction, which will be contracted early in the fiscal year 1927. Most of the right of way for the reservoir was purchased and arrangements were perfected for removal of highways therefrom. Adjudication proceedings on Stony Creek water rights were continued.

GRAND VALLEY PROJECT, COLORADO

Operation of the Grand Valley project was continued on a water-rental basis, as public notice has not yet been issued. Additional drains and lateral extensions were constructed on the gravity division. Construction costs should be fixed for this division without reference to the completion of the pumping division or other extensions which may be undertaken in the future. On the Orchard Mesa division the principal activity comprised replacements and improvement of the distribution system. A small amount of work of minor importance on this division remains to be completed during the fiscal year 1927, before the construction charge can be announced.

UNCOMPAHGRE PROJECT, COLORADO

The irrigation system of the Uncompahgre project is practically complete and only minor lateral extensions were constructed. Two new gate tenders' houses were erected at River Portal. Construction of a comprehensive drainage system is essential to the continued prosperity of the project. The full extent of the lands affected by seepage and the estimated cost of draining them has not been determined because individuals have elected to carry out their own drainage work, and until recently the water users have shown little interest in a comprehensive drainage plan. Additional appropriations will be needed from time to time to permit the cash purchase of vested rights in the Loutsenhizer and Ironstone canal systems as provided under the respective contracts.

BOISE PROJECT, IDAHO

On the Boise project main canal improvement and drainage construction were continued. Operation of the Arrowrock division has been assumed by the Nampa-Meridian, Boise-Kuna, and Wilder irrigation districts, the United States reserving only Arrowrock Reservoir and the diversion dam and power plant, with one-half mile of the main canal.

Additional drains are needed to keep pace with seepage conditions, and \$200,000 has been provided for this purpose.

Work required on proposed extensions of the project includes a pumping plant and distribution system for the Hillcrest division, which covers 14,000 acres, for which storage capacity has been reserved in Arrowrock Reservoir. However, owing to the shortage of water on the project during two of the past three years, protest was made by various individuals and organizations against the construction of this division until additional studies shall have been made to determine the sufficiency of the water supply.

At Black Canyon diversion dam on Payette River the power plant is complete and furnishing power to the Gem irrigation dis-

trict for pumping, and the diversion dam and pumping plant are delivering water to the Emmett district canals.

To complete the Payette division, the area of which is about 40,000 acres, a canal system and storage on the Payette River are necessary. Before construction can be commenced, however, it is necessary to make economic studies, including soil classification and an estimate of costs for storage and distribution systems.

KING HILL PROJECT, IDAHO

King Hill was originally a Carey Act project for which the Bureau of Reclamation financed and rebuilt certain works and operated the system under contract. This contract terminated December 31, 1925. The project was taken over by the water users and on March 2, 1926, a contract was entered into providing for the operation and maintenance of the project by the King Hill irrigation district.

MINIDOKA PROJECT, IDAHO

The bureau operated the distribution system of the south side pumping division of the Minidoka project under public notice until April 1, 1926, when it was turned over to the Burley irrigation district, excepting the pumps which will be transferred next season. The gravity division was operated by the Minidoka irrigation district as formerly.

Power demand for commercial and pumping purposes increased materially, the additional load being handled by operation of the old plants acquired at American Falls. More electric power is needed for irrigation pumping, for replacement of the supply from worn-out plants at American Falls, and for stand-by service at the Minidoka power house. A new unit, to be built during fiscal year 1927, at an estimated cost of \$230,000, will partially meet this demand. A program of drainage construction for the relief of water-logged areas on the pumping division should be undertaken.

HUNTLEY PROJECT, MONTANA

The Huntley project is completed, except for a small amount of drainage work, estimated to cost \$60,000 which is needed to complete the drainage system and protect all project lands. Some betterment work is gradually being done and paid for as a part of the operation and maintenance expenses.

MILK RIVER PROJECT, MONTANA

The Milk River project was operated on a rental basis. Construction work was practically completed on the second barrels of the St. Mary River and Hall's Coulee siphons on the St. Mary diversion canal. Before complete irrigation can be accomplished some minor extensions to the lateral system will be required. Additional pipe lines have been provided on the St. Mary diversion canal, but to utilize their full capacity the canal banks at several points must be strengthened and raised. On account of the great distance between the storage works and the irrigable lands, a small regulating reservoir is needed adjacent to the project for the control and conservation of the present water supply.

SUN RIVER PROJECT, MONTANA

The canal and lateral systems for lands in the Fort Shaw division have been completed, but drainage is urgently needed. This division has an ample water supply which is obtained from the natural flow of Sun River, supplemented by storage in Willow Creek Reservoir.

Irrigation works and partial drainage have been provided for about 42,000 out of 93,000 acres in the Greenfields irrigation district which comprises all of the land on the north side of the river. Storage for this division is required to supplement the normal flow of Sun River which is exhausted generally by July 15. It is proposed to begin during the fiscal year 1927 construction of Gibson Dam and reservoir, for which an initial appropriation of \$500,000 is available. Soil surveys and land classifications were completed during the fiscal year.

LOWER YELLOWSTONE PROJECT, MONTANA-NORTH DAKOTA

The Lower Yellowstone project was operated and maintained by the bureau under contracts with the two irrigation districts. Work was continued on the program of silt removal from the main canal. Drainage is needed badly and a recent survey shows that \$600,000 will have to be spent to drain all lands now water-logged or threatened with seepage. It is proposed to begin drainage construction as soon as the pending new contracts with the two irrigation districts are executed.

NORTH PLATTE PROJECT, NEBRASKA-WYOMING

On the North Platte project work was continued on the replacement of structures on the Interstate division and on the construction of the Guernsey Dam. The demand for power will probably call for the installation of a second unit in this plant in the future. Power income from the Lingle plant increased materially over that of the previous year.

The Pathfinder irrigation district was organized, comprising the land on the Interstate division in Nebraska. Negotiations were under way for turning over the operation and maintenance of the irrigation system to the water users of the three project divisions not later than January 1, 1927.

NEWLANDS PROJECT, NEVADA

The water supply for the Newlands project is obtained from the Truckee and Carson Rivers. The Lahontan Reservoir, on the Carson River, stores water from that stream and also flood waters from the Truckee River, carried through the Truckee Canal, for irrigation of lands in the Carson Valley near Fallon. Lake Tahoe, at the head of the Truckee River, was originally contemplated as a reservoir to serve project lands, but its complete utilization for storage during the nonirrigation season has been seriously interfered with by riparian, vested, and power rights, resulting in litigation, which has retarded project development. Regulation of the Truckee River under a temporary restraining order entered in the United

States District Court was initiated during the year and steps were taken to adjudicate the water rights of the Carson River. The commencement of necessary additional drainage work was delayed by litigation. Investigations in connection with the proposed Spanish Springs division were continued to determine irrigable areas and costs of providing a dependable water supply from the Spanish Springs Reservoir.

CARLSBAD PROJECT, NEW MEXICO

About 2,000 linear feet of concrete lining were placed in the main canal of the Carlsbad project. Operation of the principal works was carried on without mishap. Several hearings were held in connection with the adjudication of the water rights on the Pecos River. Contract has been made between the United States, the Pecos Water Users' Association, and the Fort Sumner irrigation district, providing for further expert study of the water supply and the best location for additional storage for the project.

RIO GRANDE PROJECT, NEW MEXICO-TEXAS

Construction of the drainage and distribution systems in the Rio Grande division of the Rio Grande project was practically completed. In other divisions of the project many additional structures were installed in the drainage and distribution systems and the construction of spur and intercepting drains was in progress. Near the outlets of the main drains auxiliary drainage will have to be provided to drain areas of considerable extent. This can be accomplished by deepening the drains at the outlet and pumping the discharge into the river, by carrying the drains through culvert structures under the river to outlets farther down, or by the installation of drainage wells.

The greatest project need, especially in the lower divisions, is river improvement and flood control, neither of which has been contemplated or provided for as part of the project work, but which it is considered should be accomplished cooperatively by the various agencies concerned. Steps have already been taken to consolidate diversions in the lower division of the project, in order to control diversions to Mexico in accordance with treaty provisions. The districts were actively engaged in perfecting plans for power development at Elephant Butte Dam.

WILLISTON PROJECT, NORTH DAKOTA

By contract dated January 15, 1926, the Williston project in North Dakota was sold to W. S. Davidson. The sale price of \$50,000, payable to the United States in 20 annual installments, includes the electric power system and the irrigation works. In addition the contract provides for the lease of the coal mine for a period of 10 years, during which period a royalty of 10 cents per ton of 2,000 pounds will be paid for all coal mined by the contractor.

UMATILLA PROJECT, OREGON

The Umatilla project was operated by the bureau under public notice until June 30, 1926, when the project was taken over by the water users of the two districts. Construction of the irrigation and

drainage systems has been completed with the exception of certain betterments provided for in the contracts with the districts. McKay Dam will be completed late in 1926, and storage water from the reservoir will be available for the irrigation season of 1927.

KLAMATH PROJECT, OREGON-CALIFORNIA

The Klamath project was operated under public notice. Main and Tule Lake divisions are operated directly by the United States. Langell Valley, Horsefly irrigation district, and various pumping districts operate their own systems as does also the Klamath drainage district, but receive their water supply from reservoirs operated for or by the United States. Enlargement of the D Canal to provide additional capacity for the pumping units was in progress during the nonirrigation season. Storage works and a distribution system have been built for 13,000 acres in Langell Valley, and a drainage system is now in process of construction. Of the area unwatered in the bed of Tule Lake the distribution and drainage system for 15,000 acres or more remains to be built. Plans are being formulated for opening additional lands in this division and fixing the construction charge.

BELLE FOURCHE PROJECT, SOUTH DAKOTA

Activities on the Belle Fourche project were confined to operation and maintenance. The Willow Creek unit of 6,895 acres is the only uncompleted portion of the project. Canals covering this unit have been excavated, but installation of structures has been suspended pending more favorable economic development under the completed works. About \$300,000 will be needed for this feature. Investigation in 1924 of seepage conditions on the project disclosed that about 10,000 acres are affected and that to provide relief and to insure the continued productivity of other areas, a complete drainage system estimated to cost \$1,000,000 is necessary. A contract with the district is under consideration.

STRAWBERRY VALLEY PROJECT, UTAH

On the Strawberry Valley project water was delivered in bulk at the head gates of the various canals which were operated by the different companies and irrigation districts. Strawberry reservoir storage was further depleted by reason of light run-off and heavy irrigation demand. The reservoir was only one-third full at the end of the calendar year. Some drainage is needed under the West Field and High Line canal systems to prevent loss threatened by rising ground waters. Arrangements are under way for turning over the entire project to the water users for operation in October, 1926.

OKANOGAN PROJECT, WASHINGTON

The project has been short of water almost continuously since 1917. Water has been pumped from wells, lakes, the Okanogan River, and from substorage in Salmon Lake Reservoir. Vested water rights have been purchased or rented by water users at a cost to many of \$20 to \$75 per acre per season, in addition to Government charges.

All possible sources from which an adequate supply may be obtained are being investigated. A further expenditure of about \$25,000 is desirable for lining laterals with concrete to reduce seepage losses.

YAKIMA PROJECT, WASHINGTON

The Tieton and Sunnyside divisions of the Yakima project were operated for the distribution of irrigation water. Five storage reservoirs were operated to supplement the low flow of the streams, Tieton Reservoir being used for the first time. On the Kittitas division of the Yakima project soil surveys, classification and appraisal of project lands, and final location of the upper end of the main canal were practically completed. By contracts dated December 19, 1925, the Kittitas reclamation district assumed construction repayment and the State has provided \$300,000 for aid in settlement. Contract has been let for construction of the first 4 miles of the main canal, and preparations are being made for advertising for bids on additional stretches.

RIVERTON PROJECT, WYOMING

On the Riverton project the Pilot Butte Reservoir was completed with a capacity of 30,000 acre-feet. The Pilot Butte power plant was operated throughout the year, with over half the power output sold for commercial purposes.

The irrigation system to supply the first unit of 20,000 acres will be completed during the fiscal year 1927. Plans and estimates for the Pilot Canal system covering an irrigable area of 40,000 acres, at an estimated cost, including drainage, of about \$1,500,000, are being made ready for submission to Congress. When this system is built the completed portion of the project will cover 60,000 acres and be of sufficient size to warrant colonization by efficient methods, to permit economical operation, to attract a branch railroad, and to justify the development of the social and economic conditions that are necessary for the success of the project.

SHOSHONE PROJECT, WYOMING

The Garland division of the Shoshone project was operated under public notice and the Frannie division on a water-rental basis. The Garland division is completed except for drainage, for which an additional expenditure of \$310,000 is required. The irrigation system of the Frannie division is constructed for 20,000 acres, but only 8,000 acres are being irrigated, farms on more than half the project land having been abandoned. Terms on which the settlers on the reduced area are to be furnished water are under consideration. A small amount of drainage work was done on this division and construction for about 12,000 acres on the Willwood division was 95 per cent completed. On the Heart Mountain division a topographic survey and a preliminary canal location have been completed, but a soil survey should be made to accurately determine the irrigable area. Studies should also be made of possible extensions to Chapman Bench and Pole Cat Bench. On the Oregon Basin division topographic and soil surveys are necessary to determine the irrigable area and to permit more accurate estimates of cost.

Income of the power plant from the sale of commercial power has now increased to an amount sufficient in itself to pay operating and depreciation costs. During the past year contracts have been made with the Shoshone Electric Light & Power Co., supplying Cody, for a stand-by service, and with the Midwest Public Service Co. for power to be used in Byron and Lovell.

ADMINISTRATIVE ECONOMIC ACTIVITIES

The economic activities of the bureau consisted of land classification on existing projects made necessary by the provisions of the act of December 5, 1924; land classification, soil surveys, and economic reports on secondary projects regarding the economic value of water; classification and appraisement of land and improvements on new projects preparatory to the execution of contracts to control land prices within reasonable limits; assisting the board of survey and adjustments in the collection and assembling of data regarding the agricultural and economic phases of projects; preparing literature describing the opportunities for settlers on projects and disseminating this information to prospective settlers or inquirers; and cooperative activities with water users' organizations and other agencies to obtain settlers and to create needed cooperative organizations.

LAND CLASSIFICATION

The land classification on existing projects commenced in 1925 was completed during the fiscal year. In all, about 1,200,000 acres of land were classified on 18 projects and the results of such classification made available to the board of survey and adjustments in order to determine the area of productive lands, the temporarily unproductive lands, and the permanently unproductive lands. Land classification and appraisement were commenced on the Vale and Owyhee projects, Oregon; the Spanish Springs project, Nevada; the Greenfields division of the Sun River project, Montana; the River-ton project, Wyoming; the Kittitas division of the Yakima project, Washington; and the Willwood division of the Shoshone project, Wyoming. Land classification and economic reports were made on the Deschutes and Umatilla Rapids projects, Oregon; and on the Okanogan-Methow project, Washington.

SETTLEMENT PROGRESS

Progress in settlement of existing projects showed a slight improvement over the previous year. More inquiries were received. The Belle Fourche, Lower Yellowstone, and Milk River projects obtained some tenants, particularly those skilled in beet growing. The Rio Grande project continued to get settlers through the intensive advertising of the Gateway Club and other agencies. Plans have been prepared with the water users' organizations and the railroads serving the Lower Yellowstone and Belle Fourche projects to obtain settlers for the unoccupied land. The first step in this plan was that the irrigation districts at Lower Yellowstone should secure options for a period on at least 8,000 acres of land at prices and upon terms that can be approved by the Secretary of the Interior. The same conditions are to apply to 10,000 acres of land on the

Belle Fourche project. This is to be followed by cooperative efforts on the part of the water users, chambers of commerce, railroads, and the United States to secure settlers of experience and with some capital to purchase these lands.

The first 20 units of the Pavillion division of the Riverton project were thrown open to settlers late in the spring of 1926 and efforts are being made to secure settlers for the privately owned land and the remainder of the public land that can be supplied with water in this division.

Conferences were held with water users' organizations, railroad representatives, chambers of commerce, and bankers to make plans for settling the unoccupied lands on projects. The plans formulated provide for listing lands on their productive value, the selection of settlers with experience and some capital, the preparation of some land before settlement, and cooperative advertising. Distinct progress has been made in awakening a realization of these essentials in a program of land settlement.

One index of the bureau's activities during the year is the number of contracts entered into and the different subjects involved, which are summarized in the following table:

Nature of contracts	Number of contracts	Amount involved
Cooperative investigations.....	7	\$31,227.50
Supplies.....	538	269,634.99
Material.....	225	634,999.16
Equipment.....	132	337,349.52
Miscellaneous services.....	136	104,843.45
Construction work.....	60	773,787.90
Land purchases, including improvements.....	299	667,993.55
Land sales, including improvements.....	329	144,911.00
Leases to the United States.....	35	3,415.14
Leases from the United States.....	153	200,639.92
Compromise of damages.....	13	2,071.64
Rental of Government equipment.....	56	17,569.56
Rental of water.....	791	397,353.67
Sale of surplus electrical energy.....	63	137,169.34
Sale of water rights under the Warren Act ¹	28	636,506.48
Sale of water rights within projects.....	109	303,776.75
Adjustment and relief.....	1,171	185,437.17
Transfer of project operation.....	1	2,650,060.00
Miscellaneous.....	66	134,636.67
Total.....	4,512	² 7,543,316.81

¹ Includes some construction work.

² Estimated in part.

ECONOMIC CONDITIONS

SALT RIVER PROJECT, ARIZONA

This project is favored with productive soil and a long growing season and is one of the most successful Federal projects. The crop range varies from semitropical plants, such as citrus fruit, to all of the crops common to the Temperate Zone. There are no abandoned or unentered farms, and the land is all in private ownership. There is room for new settlers through the subdivision of large holdings.

YUMA PROJECT, ARIZONA-CALIFORNIA

Crops grow on this project for practically the entire year. Those chiefly grown are cotton, alfalfa, melons, grapes, and alfalfa seed. All of these are produced and sold in carload lots. The project continues to have a high percentage of tenants, and there is a real need for subdivision of the large holdings into smaller units, which should be occupied by resident owners. The Yuma Mesa is peculiarly adapted to the production of grapefruit because of its frost-free conditions. Oranges and lemons can also be produced but are not deemed to be as profitable. Vegetables are grown between the young trees in the winter and command high prices.

The principal need is the organization of syndicates or other agencies to prepare land and plant and care for grapefruit groves during the period before bearing is reached. Progress has already been made in this direction. One syndicate of 200 acres is a going development, and another is in process of being organized.

ORLAND PROJECT, CALIFORNIA

The outstanding economic need of the project is the construction of works providing for additional storage water and the bringing into production of more than 3,500 acres of land still in an unimproved state and held mostly by nonresident and nonfarming owners.

They have been unable to dispose of the land even at reasonable and fair prices.

Prices for project produce were in general fairly remunerative, largely as the result of local cooperative marketing agencies which are functioning satisfactorily.

Development consisted for the most part of the reseeded of alfalfa stands which had been depleted as a result of the water shortage of 1924. There was an increase of 2,000 acres in the area irrigated over that for the previous year, but very little new land was improved and brought into a producing state. The most gratifying feature of the recovery from the adverse effects of the drought year of 1924 was the increase of 750 dairy cows, a number exceeding by 225 the loss sustained during 1924. Cotton, raised in commercial quantities for the first time on the project, yielded satisfactory returns. The installation and operation of a plant for preserving Kadota figs constituted a new industry of great benefit to the project, both as a means of disposing of this crop profitably and as a source of employment for considerable local labor during the canning season. The plant is financed and operated by the local fig growers' association.

GRAND VALLEY PROJECT, COLORADO

The farmers are learning by experience better methods of tillage, crop rotation, and farm management. All would, however, be benefited by competent advice and demonstration from an agriculturalist. This is especially apparent this year when pest control is of vital importance.

Several local organizations are interested in a colonization program and progress has been made in obtaining listings and inquiries. The first efforts have been concentrated on the better lands occu-

pied by tenants or vacant and with reasonable agricultural success it is believed that good results will be obtained.

The greatest improvement is noted on Orchard Mesa, where the area irrigated has more than doubled since the beginning of the reconstruction program. Peach orchards are being planted, new homes built, and good roads provided on a large portion of this district. Mail and telephone service are established, and the population has greatly increased.

UNCOMPAHGRE PROJECT, COLORADO

Thus far farming has been confined to the growing of staple farm crops, such as alfalfa, small grains, sugar beets, potatoes, beans, and onions. A small acreage of apples is also in bearing. These crops in some years have had to be marketed at a loss, owing to heavy freight and marketing charges. Extension workers have mapped out a project program for the next five years to promote livestock improvement, cooperative livestock feeding demonstrations, and crop improvement.

For the period 1922 to 1925 the uncollected construction charge on this project amounts to \$230,314. The unpaid operation and maintenance charges amount to \$125,761.47. The situation is, however, encouraging. Good crops and prices ruled in 1925. As a result the uncollected 1924 construction and operation and maintenance charges were paid up in full on all farms using water, and in addition the accumulation of past delinquencies during previous years was reduced about 10 per cent.

The Delta Cannery, which has lain idle in the hands of a receiver for the past two or three years, resumed operations during the spring of 1926, offering an additional outlet for small fruits and vegetables. A sawmill, crate and box factory has been established at Montrose, and it is anticipated that the needs of project farmers will now be supplied locally at less expense. A Montrose County farm council has been organized and is directed by two representatives from each industry. This council is directing its efforts toward better grading and cooperative marketing.

Whatever settlement has taken place has resulted from the spread of the local population to vacant farm units and the subdivision of private land holdings.

BOISE PROJECT, IDAHO

Fruit growing and specialized crops, such as head lettuce and potatoes, as well as general farming, are successful on this project. Dairying is one of the most profitable industries and is steadily increasing. More than 90 per cent of the farmers on the land have had experience in irrigation farming.

Distance from large markets and high freight rates require the development of concentrated products. A vegetable cannery was operated at Wilder for the first time during the summer of 1925. The supply of corn was in excess of the capacity of the cannery. The production locally of potato chips is becoming an important industry. There is room for development of more mill products from wheat and corn.

More diversified crops, more refined products, with an improved marketing system, are the major needs of the project. More livestock should be raised and fed on farms. Lower interest rates would benefit settlers immediately and directly.

The formation of two irrigation districts covering project lands and one district covering partial water-right lands has done much to stabilize land values and irrigation obligations. Contracts have been made with these districts under the modified terms of repayment on a basis of 5 per cent of the average gross annual crop returns instead of the 20-year schedule previously in force.

KING HILL PROJECT, IDAHO

The production of early potatoes is one of the chief industries. Alfalfa is also grown in large quantities. The long distance from large centers and consequent high freight rates require that all forage crops should be fed to livestock and the products sold in concentrated form. More good livestock are needed on this project. More resident farm owners are needed. This can be brought about by the subdivision of large land holdings and the settlement of these areas by skilled cultivators. Land prices should be fixed and the unoccupied areas disposed of under a uniform selling contract in which a small amount is paid down and the balance amortized over not less than 20 years. This would encourage people with small means, but who are industrious and thrifty, to purchase land and become home owners.

MINIDOKA PROJECT, IDAHO

The outstanding economic development of the year was the contract applying the terms of the fact finders act providing for operation and maintenance of the south side pumping division canal system and funding nearly a million dollars in delinquent charges.

Organization of a cream pool, merging the product of about 1,600 cows, has been effected, under the name of the Mini-Cassia Dairymen's Association, with headquarters at Burley.

Other new cooperatives organized or participated in by project farmers were the Cassia County Beet Growers' Association and the Southern Idaho Turkey Growers' Association.

Economic improvement was shown by an increase in the irrigated farm population from 7,197 in 1924 to 7,227 in 1925, an increment in livestock numbers and values, a total crop value of nearly \$5,000,000 compared with a little more than \$2,630,000 in 1924, liquidation of a large amount of mortgage indebtedness, betterments in buildings, home surroundings and living standards, and in a better morale throughout the business and social life of the community.

HUNTLEY PROJECT, MONTANA

In general the Huntley project is in good condition. The 1925 crop yields were average or better, with prices, except those for sugar beets, well above the average. Approximately one-fourth of the irrigated area of the project is growing sugar beets, a proportion large enough to provide ample cash returns to finance the farmers' operations.

Perhaps the most notable feature of the agricultural and economic situation on the project during the past 8 or 10 years is the increase in the size of farm holdings. The original plan of the project was 40-acre tracts. The usual condition now is an ownership of 80 to 120 acres.

The Great Northern bean crop has appeared within the past few years. It works in well with any rotation system, is a cash crop, requires less labor to grow and market, and produces good returns.

Winter stock feeding is increasing rapidly and can be increased still further under proper direction and financing.

Tame pastures are aiding in the development of dairying and sheep feeding. An excellent grass mixture has been developed which has a heavy carrying capacity and is being widely used in the Yellowstone Valley.

MILK RIVER PROJECT, MONTANA

About 43,000 acres of the Malta and Glasgow division are unirrigated, 40,000 acres being dry farmed and producing crops valued at less than \$5 per acre. Of 251 farms under irrigated cultivation on these divisions, 149 are farmed by owners and 102, or 41 per cent, by tenants. Very little intensive farming is practiced, but this is being somewhat stimulated by the good yields obtained recently from cultivated crops.

The slow agricultural development and small payments from settlers have been matters of great concern to the bureau for a number of years. However, with the favorable legislation of the past year the assurance that the project is adapted to the production of other than cereal and forage crops, and the general upward tendency of agricultural conditions, a spirit of optimism prevails and considerable improvement is anticipated.

The project has been operated for 15 years. Water for irrigation has been furnished on a rental basis, with a charge insufficient to pay operating costs, thus causing a continually increasing deficit. Operating expenses from 1921 to 1925, inclusive, amounted to \$486,573, of which only \$92,067 has been repaid by irrigators. The total deficit for the period of operation amounts to \$467,037. At the close of the fiscal year steps were being taken for the negotiation of contracts under the provisions of the act of May 25, 1926, in which this deficit will be funded with construction costs and a definite acre charge fixed.

Ample water is available for present needs. Good yields of alfalfa and alfalfa seed, small grain, and hardy vegetables are obtained under proper farming methods. Although the sugar-beet crop of 1925 was not the financial success hoped for on account of unseasonable weather at the time of harvest, satisfactory yields proved the ability of the lands to produce this crop. Considerable advancement has been made in the production of certified seed potatoes, and a market has been established for this crop at a very satisfactory price.

Settlers with experience and some capital are needed. Large holdings should be subdivided and placed on the market at prices and terms of payment which are attractive, and wherever possible some previous development or improvement of such lands should be undertaken that pioneering may be reduced to the minimum and early profitable returns yielded. Tenants who are good farmers should be encouraged to become landowners. Intensive farming, production

of cash crops, and improved methods of tillage should be encouraged. The Bureau of Reclamation and the railroads should cooperate with the local organizations to every extent possible in these matters, as the development of the project and its financial success depend upon such action.

SUN RIVER PROJECT, MONTANA

The project is well suited to the industries of livestock growing and dairying. Alfalfa is the principal crop and a change is slowly taking place from extensive wheat farming to more intensive types of farming under irrigation. There has been an increase in the number of sheep and the quality of dairy stock has improved. A good start in sugar-beet culture was made in 1925, but adverse weather conditions which prevailed during the harvest season have had a discouraging influence and it will take a few years to recover from the setback received at that time. A good showing is being made on well-cultivated lands that have been planted to sugar beets in 1926, and higher prices will be paid as the sugar company has arranged to absorb all freight on beets shipped from the project to Chinook, Mont.

An irrigation district embracing all lands on the north side of Sun River was created under the State law May 28, 1925. Consideration was given during the fall and winter months to a form of contract which provides that the United States will complete the project and the landowners make payment of the construction costs on the basis of 5 per cent of the average gross crop production. A form of contract was approved by the First Assistant Secretary of the Interior, February 16, 1926. The Montana statutes provide that at least 60 per cent of the landowners owning 60 per cent of the land shall sign petitions authorizing the commissioners of the irrigation district to execute the contract. The necessary signatures were secured, and on June 10 the officials of the irrigation district signed the contract and also filed a petition with the clerk of the district court to have the legality of all steps taken in the creation of the district and the execution of the contract confirmed by the court.

On the Fort Shaw division an irrigation district was created in 1919. Contracts have been considered from time to time during recent years but no definite action has yet been taken. The large amount of delinquent payments on this division makes it absolutely necessary that some form of contract be executed so that adequate relief can be granted and the present settlers given a chance to go ahead with their farming operations without having to carry an excessive burden in the way of unpaid water charges. The form of contract thus far considered contemplates that the district will take over the operation and maintenance of the canal system; that delinquent water charges will be funded with future construction charges and that payments will be made under the provisions of the act of December 5, 1924. It is expected that an agreement on the form of contract will be reached early in the fiscal year 1927. During the period 1920-1925 the operation and maintenance assessments on this division amounted to \$82,249.78 and \$52,169.32 have been collected. In the construction account the assessments amount to \$73,391.63, of which \$42,241.96 have been paid.

LOWER YELLOWSTONE PROJECT, MONTANA-NORTH DAKOTA

New houses and barns are being erected. Buildings are being painted and repaired. The period of depression is past and the farmers are beginning to realize some profit from their operations.

Although there was no influx of settlers during the year, numerous inquiries about farms were received. In most cases purchase was delayed pending congressional action on the adjustment of water charges and terms of payment. It is expected that the passage of the adjustment act will result in a decided increase in settlers in the near future. Crop failures on surrounding dry-land farms are causing many to turn to the irrigated land of the valley. Most settlers of this class will have stock and machinery but little or no capital.

NORTH PLATTE PROJECT, NEBRASKA-WYOMING

Considerable land on this project is sandy and rolling and not yet fitted for the production of such crops as potatoes and sugar beets, but will produce good crops of either alfalfa or sweet clover when properly handled to obtain a stand. Settlers who are willing to make their home on the land, and have some knowledge of dairying, poultry raising, and stock feeding, would succeed. A market has been established for these products principally through the cooperative associations now functioning on the project. A survey of the project shows that the number of dairy cattle increased during 1925 and the grade of milch cows is steadily improving. One of the best bred herds of Holstein cattle in the State of Nebraska is located in the valley. There are two creameries in the valley besides many receiving stations that ship the butterfat to outside points. About one and one-half million pounds of butterfat are shipped out of the valley annually.

There are now four cooperative cheese factories located in the valley that manufacture an excellent quality of cheese. This is sold through a commission firm in Omaha which handles all the cheese that can be turned out from the factories and would be glad to obtain more.

The South Sioux Poultry Association, another cooperative organization, organized about three years ago is steadily improving the quality and increasing the quantity of their products. During the last year about 16,000 turkeys were raised and sold in the valley. This association is instructing its members as to the best methods of raising and packing both the eggs and the meat, and has developed a marketing system through which the product is sold. The attention of outside buyers has been attracted and representatives are sent into the valley to purchase the poultry products. This has a tendency to increase the price received by the producer and also to improve the quality. Some of the members of the association maintain prize flocks of turkeys and are raising them for breeding purposes only.

Stock feeding has developed into quite an industry. About 100,000 head of sheep and 7,000 head of cattle were shipped in during 1925 to be fattened on the project. This provides a market for the major portion of the hay and grain raised.

Four sugar-beet factories located in the valley provide a market for the beets. The average yield of beets during the past year was 16.4 tons per acre, which is the world's record for such a large acreage.

Potatoes are marketed usually through local buyers and the yield and quality last year were above the average. Marketing conditions on the project are steadily improving. Consequently the products are improving in quality and demand better prices.

On the Northport division there has been no change in settlement conditions for the past two years. On the Interstate division there has been a slight improvement. There were still some transfers of ownership and settlement of obligations, and there were also several sales of land to farmers, mostly to local landowners. On the Fort Laramie division conditions were good. There were several transfers of ownership to new settlers and there was also considerable development in the way of new houses, barns, fences, and other improvements. During the spring a number of inquiries were received from prospective purchasers of land, especially the Gering Valley.

Taking the project as a whole, practically all of the better lands are farmed with fair to excellent results. A more optimistic feeling has developed among the landholders, which has resulted in a better application of farming methods as evidenced by the excellent yields produced on the project during the past season.

NEWLANDS PROJECT, NEVADA

Since 1924 alfalfa weevil quarantine regulations have prevented shipment of alfalfa hay to outside markets. The consequent rapid development of the dairy industry as the best means of converting hay into cash has placed this industry in a position of first importance. Its full development has been retarded, however, by the difficulty and cost of securing purebred sires for improving dairy herds.

Ninety per cent of the project farms are mortgaged, paying 7 and 8 per cent interest on short-time loans. Long-time credits with low rate of interest would be an important factor in future progress.

There have been numerous transfers and sales of present-entered farm units and private lands, but new settlement has been at a standstill. The total area of land under water-right application has been reduced materially owing to cancellation and adjustment of irrigable area on existing farm units.

CARLSBAD PROJECT, NEW MEXICO

The two principal crops are cotton and alfalfa.

The tendency on the farms during the fall and spring of 1925-26 has been to increase the acreage devoted to alfalfa. This acreage should be largely increased as soon as possible to permit a proper rotation of crops and to induce better marketing conditions.

Evidence furnished by marketing organizations at near-by points in the southwest indicates that important savings could be made for the farmers by closer cooperation. Many more farmers are needed on the project. The best managed and most productive farms are the relatively small ones, where the farmer lives on the farm.

Very few farms changed ownership during the year. Tenantry has not decreased. Among resident farmers progress is shown by better crop management and improvements.

Bank statements indicate considerable improvement in general financial conditions.

RIO GRANDE PROJECT, NEW MEXICO-TEXAS

There has been a marked increase during the last three years in the rate of agricultural settlement and development of the valley lands comprising the Rio Grande project. It is even more gratifying to note the steady healthy growth and permanent character of the farm improvements. The following tabulation clearly illustrates the steady and substantial advancement made in the project's agricultural development.

Agricultural development of the project

Year	Number of farms	Acres irrigated	Acres cropped	Value of crops	Value of crops per acre	Population of farms	Miles of irrigation canals operated
1921-----	3, 204	81, 234	76, 551	\$2, 115, 493	\$27. 64	11, 774	416
1922-----	3, 534	80, 309	79, 044	3, 794, 940	48. 01	11, 267	416
1923-----	3, 745	88, 959	86, 985	7, 205, 799	82. 83	15, 925	537
1924-----	4, 119	113, 135	103, 115	9, 624, 512	93. 34	18, 128	584
1925-----	4, 442	130, 911	121, 799	10, 676, 614	87. 66	20, 583	607
1926 ¹ -----	4, 911	142, 184					

¹ Advance estimate.

Total area of project when complete, 155,000 acres.

With the cultivated area now approximating 100 per cent of the completed project and with opportunities for still further development through more intensive and diversified farming, agriculture, having been one of El Paso's lesser important fields of industry, has come to be and will remain one of its leading resources.

UMATILLA PROJECT, OREGON

Too much alfalfa continued to be shipped off the project. Asparagus and early potatoes have proven profitable. More livestock, chickens, and turkeys and greater diversification of crops are still needed.

The adjustment act eliminated about 4,800 acres of nonproductive lands. Under the terms of new contracts, the irrigation districts have been relieved of the burden of delinquencies, and with a fresh start, the project should show a steady development.

KLAMATH PROJECT, OREGON-CALIFORNIA

Satisfactory yields of alfalfa, tame and wild irrigated pastures, and small grains, adjacent forest reserves for summer pastures, plentiful stock water, freedom from livestock diseases, and cheap lumber for barns and stock sheds adapt this project to stock and dairy farming. Sugar beets were grown on an extensive experimental scale for the first time, about 500 acres being planted in 1925. Where properly cared for satisfactory results were obtained. The growing season is short but the days of summer are long and warm causing crops to make a rapid growth.

The Klamath irrigation district has paid all charges to and including those due June 30, 1925. Substantial payments have also been made on installments due subsequent to June 30. The Horsefly irrigation district, Enterprise irrigation district, Klamath drainage dis-

trict, and upper Van Brimmer drainage district have paid all water-right charges due to date. Other districts are not greatly in arrears.

Plans for settlement of 7,000 acres of the Tule Lake division have been deferred owing to a protest by the water users on the settled part concerning the construction charge. However, a recent economic analysis showed that the morale of these settlers had greatly improved and that most of them had made a satisfactory showing. It is proposed to open to settlement 7,000 acres for which construction has been completed.

BELLE FOURCHE PROJECT, SOUTH DAKOTA

The project has sound agricultural advantages, with an ample water supply, productive soil, and favorable climate. Crop yields in 1925 attracted attention, with sugar beets averaging 16.1 tons, or the highest of any Great Western territory. Cucumber pickles returned as high as \$500 per acre and field corn, small grain, and alfalfa produced profitably.

The project needs more resident farmers. Only 45 per cent of the farms are occupied. The balance have passed to loan companies or are owned by nonresidents whose chief income is from occupations other than farming. Some of the irrigable land is being offered at attractive prices, but sales are negligible, although a few additional tenants were attracted last year. Resettlement must be undertaken in a large way and as a combined movement of all interests. To this end a conference was held on the project on July 16, 1926, in which the railroad, sugar company, loan companies, irrigation district officials, and officials of the Bureau of Reclamation participated. It was agreed that options would be taken on 10,000 acres of land upon terms and prices that could be approved by the Secretary of the Interior and that these lands should be sold under a uniform selling contract. Ten per cent deposit would be paid in cash and the balance amortized over 20 years with interest at 6 per cent. The railroads will join the United States in advertising these opportunities and in assigning their field men in territories where settlers may be secured. Much of the land for sale is planted to alfalfa and is equipped with buildings. This will make it possible to take settlers with less capital than if the land were bare. A man trained in settlement work should be assigned to the project to assist settlers to obtain farms suited to their capital and the labor in the family and also to make sound agricultural and financial programs. It is believed that if this program is vigorously put into effect from 100 to 200 families may be brought into the project within the next two years. More resident owners will lead to industrial development.

STRAWBERRY VALLEY PROJECT, UTAH

The agriculture of the project is diversified with a wide range of crops and is served with sugar factories, canneries, and other industries. High-priced crops for canning, such as peas, beans, and tomatoes, are being grown more extensively each year. The acreage in fruits and small berries is also increasing.

The project area is generally fertile and well cultivated; 47,772 acres were irrigated out of 53,890 acres for which water was available in 1925.

The record of payments for water is unsatisfactory. During the five-year period 1921 to 1925, of the \$672,522.52 construction charges accrued, 39.91 per cent is unpaid, and of the \$244,753.28 operation and maintenance assessments, \$58,711.56 is delinquent.

Adjustment of project delinquencies and time extensions are now being made by the bureau under subsections L and F of the act of December 5, 1924, and the act of May 25, 1926, contingent upon the taking over of the project by the water users' association under suitable contract. All indications point to the early execution of such a contract between the United States and the association, providing for the complete repayment of all the project construction costs.

Settlement problems do not exist on the project, as all public lands have been taken up.

The only important development during the year was the enlarging of the canning factory of the Utah Packing Corporation at Spanish Fork to provide for a 50 per cent increase in output.

OKANOGAN PROJECT, WASHINGTON

The principal need of the project is an ample water supply. Practically one-third of the project is not cultivated owing to lack of water. The 1925 crop was below normal owing to the continued water shortage. Three groups of water users were installing plants to pump from the Okanogan River to supplement the water supply on approximately 1,000 acres of project lands.

YAKIMA PROJECT, WASHINGTON

The Yakima project had a very successful crop year in 1925. On the Sunnyside division the total crop return was \$8,978,767, or 82 per cent above that of the previous year, owing to better prices and a large crop. The return on the Tieton division was \$3,025,301, or \$169,522 less than that of the previous year, owing mainly to a reduction of the cropped area.

Collections have improved. Banks and loan companies report a liquidation of farm mortgages and other indebtedness. Better homes are being built and improvements to irrigation systems are being made.

Practically all lands are taken up and there is no settlement problem. Better returns have caused an increase in farm values and an increase in sales.

The Tieton division is in need of more water. On the Sunnyside division an equalization of operation and maintenance charges to all water users is desirable and necessary in order that improvements and betterments may be paid for by all who are benefited thereby.

RIVERTON PROJECT, WYOMING

Twenty farm units of public land were opened for settlement by public order dated March 3, 1926. Settlers are being selected on the basis of approved qualifications of industry, experience, character, and capital.

The cost of the water right has not yet been fixed. Temporarily water is being delivered on a rental basis with a minimum payment

in advance of \$1 per acre, entitling the water user to 2 acre-feet of water per acre. Additional water, if needed, may be purchased at 50 cents per acre-foot.

Soil and climatic conditions are adapted to the production of alfalfa, sweet clover, grain, sugar beets, potatoes, vegetables, and seed crops.

The most urgent need is for a branch railway. Until such a railway is constructed it will be necessary to concentrate on livestock and its products. Credit is needed to finance the purchase of livestock.

SHOSHONE PROJECT, WYOMING

The principal crops of the project have been alfalfa, sugar beets, potatoes, and small grains. In the past few years beans, both Great Northern and seed beans, and seed peas have begun to take an important place as cash crops. A spur railroad to the north area of the Garland division and a sugar factory would permit sugar-beet culture there and the feeding of pulp to stock and sheep. Two-thirds of the 1925 alfalfa hay crop was shipped from the project. This is unprofitable. Stock and sheep feeding would help secure the proper returns from crops and maintain soil fertility.

On the Garland division considerable liquidation of private indebtedness occurred. Collections on account of construction and operation and maintenance were about \$72,000. This is \$78,000 less than the 1925 accruals, but is about three-fourths of the payments necessary to be made if the division operates under the act of December 5, 1924. A contract under that act was being negotiated deferring delinquencies, except the 1924 charges, and providing for taking over operation and maintenance.

The Frannie division was operated on a rental basis. Only one-third of the irrigable area was under cultivation, and collections were about one-third of the operation and maintenance cost. That, in turn, was about one-sixth of the gross crop production. Refunds under the act of February 21, 1925, and cancellations for failure to comply with homestead requirements, extinguished the titles of nearly all the entrymen except those who desired to proceed with the development of their lands. About one-third of the irrigable area of the division is vacant public and undeveloped State and railroad land. Recovery from the deflation was hindered first by abandonments tying up the land and was later arrested by fear that the division would be abandoned. The settlers remaining are anxious to proceed with the development but they are poverty stricken as a result of the deflation and the requirements for capital to develop raw land. Aid will be necessary in decreasing amounts for three or four years to help carry operation and maintenance costs, but at the end of that time they should be able to finance that. Construction repayments, except for the best lands, will need to be further extended, and when they begin will have to be on a basis at least as favorable as the 5 per cent of crop production scheme. Help in the settlement of vacant lands and easy term credits for the development of domestic water supplies and the purchase of improved varieties of stock and sheep would hasten rehabilitation of the division.

In the spring of 1926 about 40 German-Russian families moved to the Garland division to engage in sugar-beet production. Whether these families have come to be landowners eventually or are here

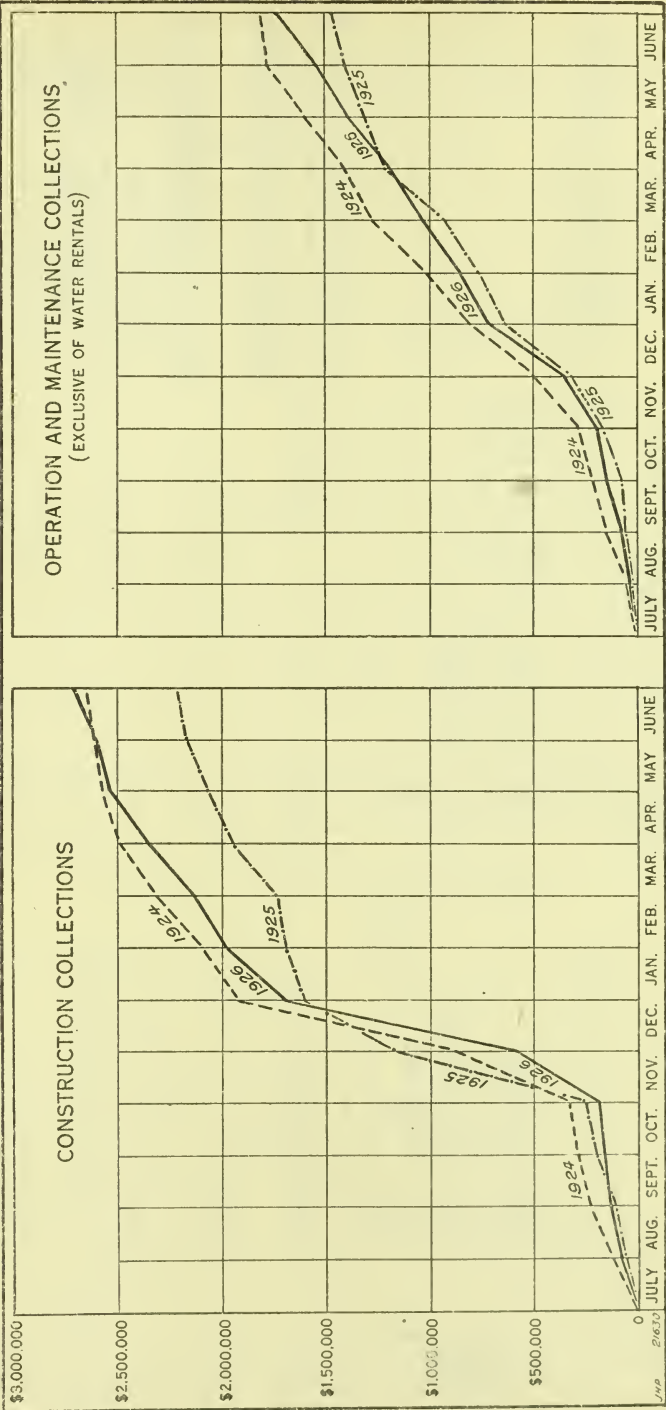
simply as soil exploiters remains to be seen. On the Frannie division there were no new settlers and development is indicated only by the increased crop production of those remaining.

COLLECTION OF CHARGES

The policy was continued of insistence on the payment of charges. As a result the collections for construction and for operation and maintenance for the fiscal year 1926 exceeded those for the previous year. The accompanying chart gives a graphic comparison of the collections during the fiscal years 1924, 1925, and 1926.

STATUS OF NEW REPAYMENT CONTRACTS

The accompanying table shows the progress being made in negotiating new contracts between the department and the various projects, providing for turning over the operation of the projects to the water users, new plan of repayment, and new construction.



JWP 27630

Status of new contracts between the United States and districts or associations on reclamation projects, June 30, 1926

Project	Contractor	Form of contract approved by Secretary of Interior	Election held by water users	Confirmatory proceedings by court (date of decree)	Date of contract	Purpose of contract
Boise	Nampa and Meridian irrigation district	Sept. 9, 1925	Nov. 10, 1925	Feb. 10, 1926	Mar. 2, 1926	Turning project over to water users, and making construction repayments on crop-return basis as authorized by act Dec. 5, 1924.
Do	Black Canyon irrigation district	Oct. 8, 1925	Mar. 22, 1926	May 24, 1926	Apr. 21, 1926	Do.
Do	Boise-Kuna irrigation district	Jan. 14, 1926	Mar. 13, 1926	Apr. 24, 1926	Mar. 20, 1926	Do.
Do	Wildier irrigation district	Feb. 10, 1926	Mar. 20, 1926	Apr. 24, 1926	Apr. 6, 1926	Do.
Do	Big Bend irrigation district	Jan. 19, 1926	Mar. 9, 1926	Apr. 20, 1926	Mar. 25, 1926	Do.
Minutoka	Burles irrigation district	Feb. 1, 1926	Feb. 28, 1926	Apr. 17, 1926	Mar. 15, 1926	Do.
King Hill	King Hill irrigation district	Oct. 9, 1925	Dec. 8, 1925	Apr. 17, 1926	Mar. 2, 1926	Do.
Umatilla	West Extension irrigation district	Feb. 23, 1926	Apr. 10, 1926	-----	-----	Do.
Do	Hermiston irrigation district	Mar. 22, 1926	May 1, 1926	-----	-----	Do.
North Platte	Interstate division	Feb. 13, 1926	-----	-----	-----	Do.
Do	Goshen irrigation district, Fort Laramie division	June 11, 1926	-----	-----	-----	Do.
Do	Northport irrigation district, Northport division	June 4, 1926	-----	-----	-----	Do.
Sun River	Greenfields irrigation district	Feb. 16, 1926	(1)	-----	June 22, 1926	Construction Gibson Reservoir and providing for payment of costs.
Yakima	Sunnyside irrigation district	Mar. 25, 1926	May 1, 1926	-----	June 14, 1926	New plan of payment of construction costs.
Do	Snipes Mountain irrigation district	Apr. 29, 1926	-----	-----	June 11, 1926	Do.
Shoshone	Shoshone irrigation district, Garland division	Apr. 1, 1926	-----	-----	-----	Turning project over to water users, and making construction repayments on crop-return basis as authorized by act Dec. 5, 1924.
Do	-----	-----	-----	-----	-----	Do.
Strawberry	Strawberry Water Users' Association, entire project	Sept. 17, 1925	-----	-----	-----	Do.
Yakima	Kittitas reclamation district	Dec. 30, 1924	Feb. 11, 1925	Mar. 10, 1925	Dec. 19, 1925	Construction of Kittitas division, Yakima project and payment of construction costs.
Vale	Warm Springs irrigation district	Sept. 14, 1925	-----	June 1, 1926	-----	Purchase by United States of interest in Warm Springs Reservoir.
Do	Vale, Oreg., irrigation district	June 29, 1926	-----	-----	-----	Construction of Vale project and payment of construction costs.
Baker	Lower Powder River irrigation district	Jan. 29, 1925	-----	-----	-----	Beginning construction Baker project and providing for payment of construction costs.
Salt Lake Basin	Echo Reservoir and Weber-Provo Canal	Sept. 15, 1925	-----	-----	-----	Construction Echo Reservoir and Weber-Provo diversion canal and providing for payment of costs.
Owyhee	Slide irrigation district	May 28, 1926	-----	-----	-----	Construction of Owyhee project and payment of cost thereof.
Do	Payette-Oregon Slope irrigation district	-----do	-----	-----	-----	Do.
Do	Owyhee irrigation district	-----do	-----	-----	-----	Do.
Do	Gem irrigation district	-----do	-----	-----	-----	Do.

¹ No election required under Montana law.

PROPOSED NEW PROJECTS

The following comprise projects for which construction funds have been appropriated subject to provisions not yet met:

BAKER PROJECT, OREGON

Of the original appropriation of \$500,000 made in 1924 with unexpended balances reappropriated from year to year, approximately \$483,000 remains available.

The feasibility of this project, as required by the act of December 5, 1924, is in doubt. In the absence of convincing evidence of feasibility, nothing has been done toward beginning construction.

VALE PROJECT, OREGON

The appropriation for the fiscal year 1926 carried \$500,000 for this project for investigation and commencement of construction, the latter being subject (a) to consummation of contract with a district for the repayment of construction costs and (b) appraisal of private lands to be benefited by the proposed works with agreements for sale thereof at the appraised prices. Of the above amount, \$200,000 was made available for purchase of a share of Warmsprings Reservoir.

The Vale irrigation district has been formed and is considering an approved draft of contract providing for repayment of construction costs in 40 years after water becomes available, in accordance with the appropriation act for the fiscal year 1927. The sale of one-half of Warmsprings Reservoir by the Warmsprings irrigation district to the United States has been confirmed by the local circuit court and is now before the Oregon Supreme Court for review.

Topographic mapping of the project has been completed and all lands classified. An appraisal has also been completed and approved by the department. Additional surveys of the canal lines will be required prior to actual construction.

OWYHEE PROJECT, OREGON-IDAHO

Of an original appropriation of \$315,000 under the act of December 5, 1924, for investigation and construction, with balances reappropriated for the succeeding fiscal years, there remains \$286,000 unexpended. Construction has been made conditional on (a) approval of the project by the Secretary and the President, (b) classification of lands and equitable apportionment of construction costs in accordance with their productive value, (c) appraisal of private lands and provision for control of sales at appraised value, (d) repayment contract with districts providing for repayment in not more than 40 years after water becomes available.

All project lands not covered by existing pumping plants from Snake River or the Owyhee Canal from Owyhee River have been classified as to their irrigability by 40-acre tracts. Appraisal thereof by a board consisting of one member selected by the bureau, one by the district, and the third selected by these two, has been completed as to the field work and will shortly be submitted to the department for approval. Detailed topography of the lands is being mapped and will be completed by the end of the calendar year.

The Hole-in-the-Ground dam site, proposed to be utilized by the construction of a dam 354 feet high for storage and diversion purposes, was examined for its water-holding properties by a representative of the Geological Survey and favorably reported on.

The Oregon lands above existing irrigation systems have been organized into an irrigation district and the lands above the Gem district in Idaho annexed to the latter district. With the exception of a few small areas not readily susceptible of inclusion in districts, all lands within the project to be served by its canals have been included in districts which now have under consideration drafts of contracts for repayment of construction costs. The Owyhee Ditch lands will purchase supplemental storage only and will not be so organized.

SPANISH SPRINGS DIVISION, NEWLANDS PROJECT, NEVADA

In accordance with provisions of the appropriation act of March 3, 1925, all lands of the Southern Pacific Co. have been appraised by one representative of the bureau and one of the company, but such appraisal has not yet been approved by the department. An appraisal and classification has also been made of Indian lands in the Pyramid division but has not yet been approved by the Bureau of Indian Affairs. Classification of all lands in the Spanish Springs division by 40-acre tracts, and detailed topography of all lands in this division, will be completed shortly. A decided shrinkage from earlier estimates of irrigable area, with corresponding reduction in water-supply requirements, has obviated the need of interference with existing power rights on Truckee River. Arrangements for use of power from the Lahontan power plant for pumping purposes on Spanish Springs lands and the joint use of Truckee Canal by the Spanish Springs lands and Carson lands are under consideration with the Truckee-Carson irrigation district comprising present irrigated lands.

Of the appropriation of \$500,000 for investigation and commencement of construction provisionally made available on March 3, 1925, about \$470,000 remained available at the end of the fiscal year.

SALT LAKE BASIN PROJECT, UTAH

In connection with the proposed Echo Reservoir, surveys for the relocation of highways and the Union Pacific Railroad have been completed and drafts of contract for reconstruction are under consideration. Construction work on these revisions, with the exception of track laying and surfacing of the railroad line, will be included in the contract for the construction of the dam. Properties to be submerged by the reservoir have been surveyed, mapped, and appraised in anticipation of purchase when construction is authorized.

During the year the dam site was explored further to determine foundation conditions, with the result that more permeable foundation conditions were found than had been previously anticipated. Final designs, plans, and specifications for this structure have been prepared and advertisement for bids will be issued as soon as construction is authorized.

Additional surveys and tests of materials to be removed in the summit cut of the Weber-Provo diversion canal have been made for determination of the best location for this canal.

The Weber River Water Users' Association has been organized to contract with the United States for the construction of the Echo Reservoir and the Weber-Provo diversion canal, and the articles of incorporation have been approved. An active campaign for subscriptions has been in progress and at the close of the year it appeared that the requirement of the commissioner that 80 per cent of the total 74,000 shares be subscribed before authorization of construction, would be met at an early date.

The requirements of the department with regard to proper form of obligation on the part of the subscribing canal companies and other organizations necessitate the amending of their articles of incorporation in many cases.

Investigations of Utah Lake control are still in progress.

The sum of \$900,000 appropriated for investigation and commencement of construction by the act of March 3, 1925, together with the unexpended balance of the \$375,000 appropriation made in the act of December 5, 1924, and unappropriated in the act of March 3, 1925, has been reappropriated for the fiscal year 1927.

KITTITAS DIVISION, YAKIMA PROJECT, WASHINGTON

Conditions precedent to construction having been fulfilled, this project has been transferred to the class of primary projects and is discussed under the Yakima project.

DISCUSSION OF PROJECTS

PRIMARY PROJECTS

ARIZONA, SALT RIVER PROJECT

[Operated by the Salt River Valley Water Users' Association]

The Salt River project irrigates 230,700 acres of land of the shareholders of the Salt River Valley Water Users' Association and 70,076 acres on a rental basis and under the Warren Act, all located in the Salt River Valley, Maricopa County, Ariz. The range of temperature over a period of 35 years was from 22° to 117° with an average annual rainfall of 8.34 inches. The soil varies from sandy to silt and clay loam of great fertility. Farming is highly diversified, the climate permitting cultivation during the entire year. The major crops are cotton, alfalfa, grain, citrus and deciduous fruits, cantaloupes, grapes, small fruits, vegetables, dairy products, etc. Local, Pacific coast, and eastern markets absorb surplus production.

Operation and settlement data, Salt River project

Item	1920-21	1921-22	1922-23	1923-24	1924-25
Acreage for which works were prepared to supply water	213, 168	213, 170	213, 170	236, 000	236, 000
Acreage irrigated	203, 346. 50	204, 590. 50	204, 590	233, 500	230, 700
Miles of canals operated	863. 35	863. 35	967. 9	975. 55	981. 76
Water diverted (acre-feet) ¹	1, 059, 909	1, 215, 035	1, 159, 555	1, 397, 614	1, 124, 189
Water delivered to land (acre-feet) ²	533, 594	566, 176	590, 613	741, 959	647, 759
Acre-feet per acre for area under cultivation	2. 635	2. 770	2. 89	3. 20	2. 74
Total number of farms on project (when completed)	5, 000	5, 000	5, 500	6, 500	7, 000
Number of farms reported ³	5, 000	5, 000	5, 500	6, 300	6, 635
Operated by owners or managers ³			4, 600	5, 400	5, 700
Operated by tenants ³			900	900	935
Population ³	33, 600	36, 000	36, 000	39, 000	41, 000
Number of towns ⁴	14	14	12	12	12
Population	42, 500	44, 000	51, 000	55, 000	57, 000
Total population of towns and farms	76, 100	80, 000	87, 000	94, 000	98, 000
Number of public schools	60	60	63	65	67
Number of churches	65	65	65	66	66
Number of banks	20	20	15	15	15
Total capital stock	\$1, 755, 500	\$1, 755, 500	\$1, 600, 000	\$1, 600, 000	1, 600, 000
Amount of deposits	\$17, 776, 336	\$21, 331, 600	\$25, 000, 000	\$25, 580, 000	30, 000, 000
Number of depositors	37, 000	38, 500	40, 000	41, 000	42, 000

¹ Net water diverted for shareholders of the Salt River Valley Water Users' Association, inclusive of waste and water diverted for power, but not including water delivered to canal systems not a part of the project.

² Amount of water per acre actually charged for; 20 per cent less than the amount of water delivered to the land.

³ Estimated.

⁴ Includes four post offices outside incorporated towns and villages.

Appropriations

Fiscal year 1926:	
Congressional authorizations	\$5, 000
Unencumbered balance, June 30, 1926	5, 000
Fiscal year 1927: Amount specified in appropriation acts	3, 000

Voucher transactions

	Reclamation fund	Increase of compensa- tion (net)	Total
Disbursements and net transfers.....	\$14,662,033.96	\$9,450.28	\$14,671,484.24
Less collections.....	7,210,775.38		7,210,775.38
Net investment, June 30, 1925.....	7,451,258.58	9,450.28	7,460,708.86

Construction account

	To June 30, 1926	
Cost of irrigation works:		
Original construction.....	\$11,292,362.55	
Value of works taken over.....	1,451,860.04	
Total construction cost.....	12,744,222.59	
Operation and maintenance prior to public notice (net).....	115,993.50	
		\$12,860,216.09
Less:		
Construction revenues.....	2,312,096.81	
Nonreimbursable cost.....	382,097.31	
		2,694,194.12
Total to be repaid by water users.....		10,166,021.97
Repayment:		
Contract: Salt River Valley Water Users' Association.....		10,166,021.97

Status of current accounts receivable June 30, 1926

	Due		Collected	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Construction:				
Water-right charges.....	\$643,862.05	\$2,950,746.01	\$643,862.05	\$2,950,746.01
Miscellaneous:				
Rentals of irrigation water.....		2,246,726.01		2,246,726.01
Rentals of power and light.....		998,411.03		998,411.03
Rentals of grazing and farming lands.....		19,373.14		19,373.14
Construction interest and penalties.....	26,980.10	136,664.41	26,980.10	136,664.41
Other.....				858,854.78
Gand total collections.....			670,842.15	7,210,775.38

ARIZONA-CALIFORNIA, YUMA PROJECT

The Yuma project, exclusive of the Mesa division, comprises about 65,000 acres of irrigable land for a distance of 38 miles from the boundary between Arizona and Mexico, in Yuma County, Ariz.; and Imperial County, Calif. The soils are rich alluvium bottom land. The principal crops are cotton and alfalfa. The irrigation season is 365 days a year. The average temperatures for 29 years are: High, 116°; low, 28° F.; rainfall, 40-year average, 3.1 inches.

The Mesa division comprises 45,000 acres of mesa land lying about 80 feet above the valley; of this area a distribution system has been provided for 3,810 acres. There are 675 acres under development and 1,080 acres of unsold land. The soil is sandy and the climate frostless and well adapted to the growing of citrus and other semitropical fruits.

Operation and settlement data, Yuma project, Arizona-California

Item	1921	1922	¹ 1923	¹ 1924	¹ 1925
Acreage for which bureau was prepared to supply water.....	65,000	67,200	70,500	70,500	70,500
Acreage irrigated.....	52,400	53,970	² 53,925	³ 53,843	⁴ 56,410
Miles of canal operated.....	323.2	345	370.26	370.26	371
Water diverted (acre-feet) ⁵	482,000	546,634	672,867	665,898	647,149
Water delivered to land (acre-feet).....	140,900	140,056	154,271	185,373	173,729
Acre-feet to acre for area under cultivation.....	2.69	2.59	2.90	3.44	3.08
Total number of farms on project (when completed).....	5,750	5,750	5,750	6,000	6,000
Number of irrigated farms.....	1,211	1,298	1,207	1,304	1,404
Operated by owners and managers.....	825	762	675	662	730
Operated by tenants.....	386	536	532	642	674
Population.....	4,800	4,200	3,800	3,350	3,640
Number of towns.....	5	5	5	5	5
Population.....	6,665	6,700	5,730	6,890	8,600
Total population of towns and farms.....	11,465	10,900	9,530	10,240	12,240
Number of public schools.....	16	16	16	16	14
Number of churches.....	⁶ 23	⁶ 23	⁶ 24	15	15
Number of banks.....	5	5	5	5	4
Total capital stock.....	\$230,000	\$280,000	\$280,000	\$280,000	\$180,000
Amount of deposits.....	\$1,927,000	\$3,095,800	\$3,378,330	\$2,664,296	\$2,859,200
Number of depositors.....	5,900	6,382	6,970	8,492	8,700

¹ Includes Yuma Mesa.² Project proper, 53,270; difference is Yuma Mesa.³ Project proper, 53,180; difference is Yuma Mesa.⁴ Project proper, 55,904; difference is Yuma Mesa.⁵ Of the water diverted from 100,000 to 350,000 acre-feet each year are wasted, the largest part of which flows in to the Colorado River at the California spillway near Yuma and can be diverted for irrigation below this point.⁶ Total religious organizations; figures for 1924 and 1925 are for church buildings only.*Appropriations*

Fiscal year 1926:

Congressional authorizations.....	\$703,169.00
Disbursements.....	\$481,721.66
Liabilities outstanding.....	72,881.04
	554,602.70

Unencumbered balance June 30, 1926.....

148,566.30

Fiscal year 1927: Amounts specified in appropriation acts.....

400,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$13,391,560.09	\$158,366.59	\$13,549,926.68
Less collections.....	5,138,343.01		5,138,343.01
Net investment June 30, 1926.....	8,253,217.08	158,366.59	8,411,583.67

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	¹ \$953.25	\$8,746,678.53
Supplemental construction.....	322,740.32	428,867.71
		\$9,175,546.24
Total construction cost.....	321,787.07	
Operation and maintenance prior to public notice (net).....	¹ 422.91	371,194.58
Operation and maintenance deficits and arrearages to be repaid with construction.....	976.25	2,921.96
		374,116.54
		9,549,662.78
Less:		
Contributed funds.....		101,113.89
Construction revenues.....	2,719.10	60,184.20
		161,298.09
Total to be repaid by water users.....	319,621.31	9,388,364.69
Contracted repayments:		
Water-right contracts (individuals).....	394,078.30	4,795,702.22
Contract—Imperial irrigation district.....		1,600,000.00
Total.....	394,078.30	6,395,702.22

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$267,558.42	\$2,652,690.92	\$326,422.91	\$2,855,178.84
Operation and maintenance returns:				
Contracted.....	314,827.20	2,100,557.68	305,419.27	2,099,680.22
Penalties.....	11,074.09	59,806.62	13,002.78	68,510.86
Discounts (contra).....	7,787.01	27,826.86	6,362.14	34,211.87
Miscellaneous revenues.....	14,524.67	117,534.66	26,041.33	137,613.95
Subtotal.....	332,638.95	2,250,072.10	338,101.24	2,271,593.16
Other credits:				
Operation and maintenance deficits and arrears to be repaid with construc- tion.....	976.25	2,921.96	976.25	2,921.96
Total.....	333,615.20	2,252,994.06	339,077.49	2,274,515.12
Results:				
Excess.....	66,056.78		12,654.58	
Deficit.....		399,696.86		580,663.72

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	¹ \$351,962.48	\$2,136,309.86	\$345,785.33	\$1,996,485.54		\$4,024.28	\$135,800.04
Contributed funds		101,113.89		101,113.89			
Total	351,962.48	2,237,423.75	345,785.33	2,097,599.43		4,024.28	135,800.04
Charges paid in advance			39.51	877.79		146.81	
Refunds				1,583.60			
Operation and maintenance:							
Water-right charges, project lands (64,621.91 acres)	¹ 305,419.27	2,099,680.22	226,789.87	1,817,310.81	\$6,362.14	39,336.28	243,033.13
Penalties and interest	13,002.78	68,510.86	12,426.54	66,717.36		399.69	1,393.81
Charges paid in advance			² 628.89	106.80		559.20	
Refunds				248.91			
Miscellaneous:							
Rentals of irrigation water	22,944.51	469,271.95	21,563.51	463,427.38	4,282.14	4,574.15	1,270.42
Rentals, grazing and farming lands	3,164.03	20,139.65	3,274.55	19,977.00			162.65
Construction penalties and interest	17,296.28	121,159.04	18,304.83	119,859.48			1,299.56
Construction forfeitures			361.60	3,915.78			
Other			13,726.96	546,718.67			1,978.34
Grand total collections			641,643.81	5,138,343.01			

¹ Note:

	Construction	Operation and maintenance
Actual accruals for year	\$355,320.96	\$307,638.34
Less deductions due to cancellations, relinquishments, and adjustments	1,380.19	1,216.50
Deferred under section 2, act of May 9, 1924	1,978.29	1,002.57
Net accruals	351,962.48	305,419.27

² Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 6.4 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 11.6 per cent of total accruals.

YUMA AUXILIARY PROJECT, ARIZONA

(MESA DIVISION)

Appropriations

	Yuma auxiliary fund	Reclamation fund
Fiscal year 1926:		
Congressional authorizations	\$26,338.67	\$186,659.73
Disbursements	131.86	73,594.06
Liabilities outstanding	-----	8,583.07
Unencumbered balance June 30, 1926	26,206.81	104,482.60
Fiscal year 1927: Amount specified in appropriation acts	-----	72,000.00

Voucher transactions

	Reclama- tion fund	Yuma aux- iliary fund	Increase of compensa- tion (net)	Total
Disbursements and net transfers.....	\$74,841.16	\$788,561.27	\$15,851.45	\$879,253.88
Less collections.....	45.00	856,612.47		856,657.47
Net investment June 30, 1926.....	74,796.16	¹ 68,051.20	15,851.45	22,596.41

¹ Contra.*Construction account*

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$27,506.74	\$366,813.00
Operation and maintenance prior to public notice (net).....	¹ 60.00	¹ 100.00
Less construction revenues.....	17.24	\$366,713.00
Total to be repaid by water users.....	27,429.50	865,627.55
Contracted repayments: Water-right contracts (individuals).....	¹ 108,669.05	843,807.28

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$53,627.13	\$161,771.31	\$43,353.77	\$183,332.81
Operation and maintenance returns:				
Contracted.....	48,966.08	174,845.04	44,256.18	215,808.14
Penalties.....		537.74		537.74
Discounts (contra).....		1,106.79		1,106.79
Miscellaneous revenues.....	627.05	777.05	826.05	1,483.05
Totals.....	49,593.13	175,053.04	45,082.23	216,722.14
Results:				
Excess.....		13,281.73	1,728.46	23,389.33
Deficit.....	4,034.00			

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 1926	
Construction:							
Water-right charges	¹ \$96,980.00	\$687,810.00	¹ \$13,343.74	\$537,176.82			\$150,633.18
Land sales	¹ 15,082.25	91,961.28	¹ 2,071.67	73,329.42			18,631.86
Total	¹ 112,062.25	779,771.28	¹ 15,420.41	610,506.24			169,265.04
Interest	51.00	36,028.14	51.00	36,028.14			
Forfeitures	3,632.20	27,717.86	3,632.20	27,717.86			
Refunds				1,328.35			
Operation and maintenance:							
Water-right charges	44,256.18	215,808.14	36,948.46	131,694.02		\$1,106.79	83,007.33
Interest		537.74		537.74			
Charges paid in advance			¹ 7.00				
Miscellaneous:							
Rentals of irrigation water	886.05	1,583.05	837.05	1,102.05			481.00
Other miscellaneous collections			342.84	47,743.07			23.95
Grand total collections			26,384.14	856,657.47			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 21.9 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 38.5 per cent of total accruals.

CALIFORNIA, ORLAND PROJECT

The Orland project is located in Glenn and Tehama Counties, with reservoir in Colusa County. The average elevation above sea level is 250 feet; the mean seasonal rainfall, 18 inches; and the temperature range, 19° to 116° F. The soil is sandy and gravelly loam, silt loam, and clay loam. The principal products are alfalfa, milo, citrus and other fruits, nuts, and vegetables. The irrigation season usually begins March 15 and ends September 30.

Operation and settlement data, Orland project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water	¹ 20,657	² 20,665	² 20,665	² 20,659	² 20,659
Acreage irrigated	14,697	15,119	15,500	11,962	13,955
Miles of canal operated	146	146	146	121	143
Water stored (acre-feet)	13,680	63,460	36,250	21,790	51,730
Water diverted (acre-feet)	68,867	76,632	73,191	17,023	76,483
Water delivered to land (acre-feet)	44,200	50,589	47,363	10,451	47,298
Per acre of land irrigated (acre-feet)	3.01	3.34	3.06	0.88	3.39
Total number of farms on project	936	968	988	998	994
Population	2,250	2,275	2,300	2,100	1,900
Number of irrigated farms	663	693	703	673	690
Operated by owners or managers	589	568	569	562	543
Operated by tenants	74	125	134	111	147
Population	1,892	1,909	1,945	1,750	1,694
Number of towns	1	1	1	1	1
Population	1,700	1,700	1,700	1,700	1,700
Total population	3,950	3,975	4,000	3,800	3,600
Number of public schools	10	10	10	10	9
Number of churches	7	7	7	7	7
Number of banks	2	2	2	2	2
Total capital stock	\$171,000	\$171,000	\$171,000	\$171,000	\$171,000
Amount of deposits	\$396,000	\$395,000	\$1,107,000	\$1,041,000	\$1,090,000
Number of depositors	2,800	2,900	3,000	2,950	2,970

¹ Includes 320 acres of vested water rights and 162 acres of school and town sites.² Includes 320 acres of vested water rights and 171 acres of school and town sites.

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$84,000.00
Disbursements.....	\$50,586.81	
Liabilities outstanding.....	27,092.34	
		77,679.15
Unencumbered balance June 30, 1926.....		6,320.85
Fiscal year 1927: Amount specified in appropriation acts.....		635,000.00

Voucher transactions

	Reclamation fund	Increase of compensa- tion (net)	Total
Disbursements and net transfers.....	\$1,581,444.56	\$31,825.28	\$1,613,269.84
Less collections.....	892,173.94		892,173.94
Net investment June 30, 1926.....	689,270.62	31,825.28	721,095.90

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$1,364.64	\$921,767.84
Supplemental construction.....	78,155.35	299,616.54
Total construction cost.....	79,519.99	1,221,384.38
Operation and maintenance prior to public notice (net).....	¹ 148.50	¹ 12,026.99
Less construction revenues.....	1,035.66	\$1,209,357.39
		16,610.38
Total to be repaid by water users.....	78,335.83	1,192,747.01
Contracted repayments: Water-right contracts (individuals).....		1,119,215.25

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$27,943.04	\$290,867.24	\$26,167.02	\$306,023.91
Operation and maintenance returns:				
Contracted.....	34,329.22	313,311.41	31,327.95	313,310.12
Penalties.....	135.57	210.01	302.17	427.51
Discounts (contra).....	109.87	13,092.62	1,371.72	14,397.66
Miscellaneous revenues.....	660.26	2,211.70	553.76	2,284.45
Total.....	35,015.18	302,640.50	33,812.16	301,624.42
Results:				
Excess.....	7,072.14	11,773.26	7,645.14	
Deficit.....				4,399.49

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	\$66,552.92	\$437,838.50	\$82,793.60	\$423,057.18			\$14,781.32
Charges paid in advance				5,585.16			
Operation and maintenance:							
Water-right charges, project lands (20,167.55 acres)	34,327.95	313,310.12	34,230.13	293,419.52	\$1,371.72	\$14,397.66	5,492.94
Penalties and interest	302.17	427.51	302.17	427.51			
Refunds				17.98			
Miscellaneous:							
Rentals of irrigation water	220.50	120,825.00	220.50	120,825.00			
Rentals of grazing and farming lands	18,171.78	8,251.28	17,571.78	7,651.28			600.00
Construction forfeitures				196.33			
Construction penalties and interest	3,668.47	4,637.40	3,668.47	4,637.40			
Other			26,598.46	36,555.58			
Grand total collections			122,188.19	892,173.94			

¹ Takes into account rentals of purchased lands not previously reported. Actual accruals for year, \$664.78; collections, \$64.78.

² Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 3.4 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 1.8 per cent of total accruals.

COLORADO, GRAND VALLEY PROJECT

The Grand Valley project, irrigated from the Colorado River, is located in Mesa County in west central Colorado. It is traversed by the main line of the Denver & Rio Grande Western Railroad and by two transcontinental highways. With an average elevation of 4,700 feet the temperature ranges from 100° to -10° F. An average annual rainfall of 8.3 inches occurs. The principal crops are alfalfa, sugar beets, grain, potatoes, and fruit.

Operation and settlement data, Grand Valley project

Item	1921	1922	1923	1924	1925
Acreage for which bureau is prepared to supply water.....	¹ 38,400	¹ 38,400	² 48,400	² 46,750	² 48,800
Acreage irrigated.....	¹ 20,590	¹ 20,672	² 23,770	² 25,250	² 25,500
Miles of canals operated.....	175	175	175	175	175
Water diverted, acre-feet.....	¹ 145,416	¹ 166,404	² 247,267	² 272,824	² 264,700
Water delivered to land (acre-feet).....	¹ 43,978	¹ 46,290	¹ 48,526	¹ 58,375	¹ 56,739
Per acre of land irrigated.....	¹ 3.57	¹ 3.74	¹ 3.77	¹ 4.34	¹ 4.21
Total number of farms on project ³	825	825	825	825	825
Population.....	1,064	1,134	1,185	1,215	1,075
Number of irrigated farms.....	402	387	396	453	455
Operated by owners or managers.....	264	217	229	296	242
Operated by tenants.....	138	170	167	157	213
Population.....	1,064	1,134	1,185	1,215	1,075
Number of towns.....	6	6	6	6	6
Population ⁴	11,246	11,246	11,246	11,246	11,246
Total population in towns and on farms ⁴	12,310	12,380	12,431	12,461	12,321
Number of public schools ⁵	23	24	24	24	24
Number of churches ⁶	28	28	28	32	32
Number of banks ⁶	7	7	6	6	5
Total capital stock ⁶	\$465,000	\$468,700	\$452,300	\$445,000	\$382,000
Amount of deposits ⁶	\$3,621,420	\$3,520,500	\$3,237,000	\$3,927,200	\$4,000,000
Total number of depositors ⁶	10,975	8,825	9,850	12,600	10,000

¹ Includes data for Palisade and Mesa County irrigation districts.

² Includes data for Orchard Mesa, Palisade, and Mesa County irrigation districts.

³ Orchard Mesa, Palisade, and Mesa County districts included; project proper, 30,000 acres irrigable; 13,490 acres irrigated.

⁴ Project lands only.

⁵ Estimated.

⁶ These items include areas adjacent to project.

Appropriations

Fiscal year 1926:			
Congressional authorizations.....			\$251,000.00
Disbursements.....		\$113,664.25	
Liabilities outstanding.....		7,946.92	
			121,611.17
Unencumbered balance June 30, 1926.....			
			129,388.83
Fiscal year 1927: Amount specified in appropriation acts.....			
			100,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$5,281,509.71	\$77,512.18	\$5,359,021.89
Less collections.....	520,448.41		520,448.41
Net investment June 30, 1926.....	4,761,061.30	77,512.18	4,838,573.48

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$89,914.31	\$4,723,070.55
Operation and maintenance prior to public notice (net).....	¹ 102.15	113,403.08
Less construction revenues.....	365.06	\$4,836,473.63
Total to be repaid by water users.....	89,447.10	4,776,464.87
Contracted repayments: Contract, Orchard Mesa irrigation district.....		1,060,000.00

¹ Contra.*Status of current accounts receivable as of June 30, 1926*

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Miscellaneous:							
Rentals of irrigation water.....	\$47,996.85	\$375,720.17	\$60,722.52	\$355,907.08	\$779.00	\$6,234.13	\$13,578.96
Rentals grazing and farming lands.....	80.00	424.00	80.00	374.00	-----	7.50	42.50
Other.....			16,194.83	164,167.33	-----	-----	6,032.17
Grand total collections.....	-----	-----	76,997.35	520,448.41	-----	-----	-----

COLORADO, UNCOMPAHGRE PROJECT

The Uncompahgre project is in southwestern Colorado, in Montrose and Delta Counties, on the Denver & Rio Grande Western Railroad. The irrigation season extends generally from April 1 to October 31—214 days—in all Government canals. The average elevation of the irrigable area is 5,500 feet above sea level; the average annual precipitation on the project for 31 years, 9.69 inches; and the average range of temperature, 10° to 95° F. The soils of the irrigable area are red sandy gravel, adobe, and clay loams. The principal products are alfalfa, grain, sugar beets, potatoes, onions, fruits, and other vegetables. The principal markets are Denver, Omaha, Kansas City, and the West for livestock; Denver, Missouri River points, and Texas for fruit, potatoes, and onions.

Operation and settlement data, Uncompahgre project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	97,410	97,410	97,060	96,510	94,819
Acreage irrigated.....	63,760	64,730	64,320	63,350	61,637
Miles of canal operated.....	452	467	489	532	550
Water diverted (acre-feet).....	446,225	427,706	439,452	379,144	430,701
Water delivered to land (acre-feet).....	415,599	422,398	328,877	303,814	298,035
Per acre of land irrigated (acre-feet).....	6.52	6.52	5.11	4.89	4.84
Total number of farms on project.....	2,000	2,000	2,000	2,000	2,000
Population.....	6,166	6,149	6,097	5,822	6,092
Number of irrigated farms.....	1,639	1,624	1,694	1,599	1,784
Operated by owners or managers.....	941	944	962	911	860
Operated by tenants.....	698	680	732	688	924
Population.....	6,166	6,149	6,097	5,822	6,092
Number of towns.....	3	3	3	3	3
Population.....	7,450	7,450	7,450	7,400	7,400
Total population in towns and farms.....	13,616	13,599	13,547	13,222	13,492
Number of public schools.....	27	27	26	26	29
Number of churches.....	27	27	27	27	27
Number of banks.....	8	7	6	6	6
Total capital stock.....	\$618,250	\$550,100	\$505,136	\$505,136	\$505,136
Amount of deposits.....	\$3,219,773	\$2,930,700	\$3,232,625	\$3,301,367	\$3,499,208
Number of depositors.....	11,000	11,250	11,250	11,250	11,250

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$163,000.00
Disbursements.....	\$128,753.82	
Liabilities outstanding.....	11,280.60	
		139,984.42
Unencumbered balance June 30, 1926.....		23,015.58
Fiscal year 1927: Amount specified in appropriation acts.....		145,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$8,422,574.55	\$103,089.22	\$8,525,663.77
Less collections.....	1,926,259.05		1,926,259.05
Net investment June 30, 1926.....	6,496,315.50	103,089.22	6,599,404.72

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$264.00	\$6,364,114.74
Value of works taken over.....		74,062.17
Total construction cost.....	264.00	6,438,176.91
Operation and maintenance prior to public notice (net).....	¹ 1,391.22	300,321.93
Less:		\$6,738,498.84
Construction revenues.....	¹ 6,307.19	23,358.05
Nonreimbursable cost.....		47,370.81
		70,728.86
Total to be repaid by water users.....	5,179.97	6,667,769.98
Contracted repayments: Water-right contract Uncompahgre Water Users' Association.....		6,713,584.50

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$131,955.39	\$413,801.13	\$137,433.93	\$495,276.53
Operation and maintenance returns:				
Contracted.....	132,827.44	428,213.79	132,677.08	427,723.44
Penalties.....	5,264.09	5,758.54	6,938.07	9,234.26
Discounts (contra).....	2,899.77	8,883.16	2,870.83	8,928.48
Miscellaneous revenues.....	2,790.82	6,840.28	2,980.67	9,741.90
Total.....	137,982.58	431,929.45	139,724.99	437,771.12
Results:				
Excess.....	6,027.19	18,128.32	2,291.06	
Deficit.....				57,505.41

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	¹ \$106,701.08	\$477,324.04	\$118,059.28	\$195,892.97	\$7,851.63	\$51,117.51	\$230,313.56
Charges paid in advance			70.42	133.58	² 4,826.11	29,415.01	
Operation and main- tenance:							
Water-right charges, project lands (94819 acres)	¹ 132,677.08	427,723.44	129,468.57	281,588.04	7,570.18	20,373.93	125,761.47
Penalties and inter- est	6,938.07	9,234.26	6,943.01	7,560.16	314.71	513.88	1,160.22
Charges paid in ad- vance			² 32.47	203.75	237.71	438.71	
Miscellaneous:							
Rentals of irriga- tion water	4,371.89	1,200,004.03	9,705.04	1,173,986.67	69.31	13,047.90	12,969.46
Rentals grazing and farming lands	71.90	314.35	71.90	314.35			
Construction pen- alties and inter- est	24,242.49	34,855.09	23,319.33	31,361.03	823.27	1,536.79	1,957.27
Other			1,649.08	235,218.50			3,065.97
Grand total collec- tions			289,254.16	1,926,259.05			

¹ Actual construction accruals for year..... \$109,853.2¹
Less deductions due to cancellations, relinquishments, and adjustments..... 3,152.13

Net accruals..... 106,701.08

Actual operation and maintenance accruals..... 133,737.13

Less deductions due to cancellations, relinquishments, and adjustments..... 1,060.05

Net accruals..... 132,677.08

² Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 48.3 per cent of total accruals.
Uncollected operation and maintenance charges as of June 30, 1926, 29.4 per cent of total accruals.

IDAHO, BOISE PROJECT

The Boise project is located in the counties of Ada, Boise, Canyon, and Elmore, Idaho, and Malheur, Oreg. The length of the irrigation season is 184 days, from April 5. The average elevation of the irrigable area is 2,500 feet above sea level. The rainfall at Boise for 62 years averaged 13.53 inches. The average highest recorded temperature for 27 years is 102° F., and the average lowest temperature for the same period is 1° F. The character of the soil is clayey loam, light sandy loam, and sandy loam. The principal products are alfalfa, wheat, oats, clover, potatoes, apples, prunes, and head lettuce. The principal markets are Boise, Nampa, Caldwell, and Meridian, Idaho; Portland, Oreg.; and eastern cities.

Operation and settlement data, Boise project, Idaho

Item	1921	1922	1923	1924	1925
Acreage to which bureau was prepared to furnish water.....	¹ 282,831	¹ 283,411	¹ 283,471	¹ 283,550	¹ 283,577
Acreage irrigated.....	² 153,000	² 155,000	² 155,500	^{2, 3} 156,000	^{2, 3} 156,000
Miles of canal operated.....	1,016	1,056	1,019	1,019	1,019
Water diverted (acre-feet).....	844,195	748,570	895,705	444,593	791,508
Water delivered to land per acre of land irrigated (acre-feet).....	3.67	3.46	3.70	1.77	3.62
Total number of farms on project.....	4,085	4,998	5,000	4,900	4,860
Population.....	16,340	14,700	14,650	14,000	13,840
Number of irrigated farms.....	3,300	3,559	3,600	3,500	3,470
Operated by owners or managers.....	2,440	2,896	2,988	2,153	1,960
Operated by tenants.....	860	663	612	1,347	1,510
Population.....	11,550	14,236	10,800	10,800	10,600
Number of towns.....	8	8	8	⁴ 10	⁴ 10
Population.....	36,170	36,170	36,270	36,660	36,660
Total population in towns and on farms.....	52,510	50,870	50,920	50,660	50,500
Number of public schools.....	28	28	28	⁵ 48	⁵ 46
Number of churches.....	56	56	58	58	56
Number of banks.....	16	16	14	13	12
Total capital stock.....	\$2,741,000	\$2,741,000	\$1,750,000	\$1,390,000	\$1,290,000
Amount of deposits.....	\$16,326,000	\$16,707,000	\$15,295,000	\$17,639,000	\$18,800,000
Number of depositors.....	⁶ 30,000	⁶ 30,000	⁶ 30,000	⁶ 31,000	⁶ 31,000

¹ Including partial service to vested water-right land under Warren Act; project proper 144,200 acres.

² Acreage served with full water supply.

³ 113,630 acres covered by crop census, including some Warren Act land.

⁴ Includes towns in and adjacent to the project.

⁵ Includes schools in and adjacent to the project that use school busses.

⁶ Estimated; some banks refuse to give number of depositors.

Appropriations

Fiscal year 1926:

Congressional authorizations.....	\$550,000.00
Disbursements.....	\$396,997.53
Liabilities outstanding.....	7,841.13
	404,838.66

Unencumbered balance June 30, 1926..... 145,161.34

Fiscal year 1927: Amount specified in appropriation acts..... ¹ 394,000.00

¹ Plus certain unexpended balances of 1926 appropriations.

Voucher transactions

	Reclamation fund	Judgments Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers..... ⁴	\$18,244,258.66	\$50,228.93	\$206,859.95	\$18,501,347.54
Less collections.....	5,525,591.74			5,525,591.74
Net investment June 30, 1926.....	12,718,666.92	50,228.93	206,859.95	12,975,755.80

Construction account

	Fiscal year 1926	To June 30, 1925
Cost of irrigation works:		
Original construction.....	\$316, 793. 28	\$14, 292, 516. 36
Value of works taken over.....		29, 812. 50
Total construction cost.....	316, 793. 28	14, 232, 328. 86
Operation and maintenance prior to public notice (net).....		422, 192. 62
Operation and maintenance deficits and arrearages to be repaid with construction.....		9, 698. 31
Less construction revenues.....	8, 084. 32	\$14, 664, 219. 79
Total to be repaid by water users.....	308, 708. 96	215, 390. 12
Contracted repayments: Water-right contracts:		
Individuals.....		7, 516, 786. 12
Warren Act.....		28, 779. 17
Irrigation districts.....	1 598, 999. 05	6, 322, 815. 56
Total.....	1 598, 999. 05	13, 868, 380. 85

¹ Contra.*Operation and maintenance accounts*

REGULAR

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$205, 688. 48	\$2, 108, 804. 43	\$165, 015. 74	\$2, 178, 473. 13
Operation and maintenance returns:				
Contracted.....	203, 856. 13	2, 117, 471. 39	209, 413. 49	2, 130, 631. 02
Penalties.....	16, 785. 27	60, 784. 78	2, 702. 13	62, 189. 46
Discounts (contra).....	1, 320. 79	46, 207. 13	1, 210. 44	46, 526. 29
Miscellaneous revenues.....	12, 891. 82	135, 318. 49	11, 698. 29	135, 167. 59
Subtotals.....	232, 213. 43	2, 267, 367. 53	222, 603. 47	2, 281, 461. 78
Other credits: Operation and maintenance arrearages to be repaid with construction.....	9, 698. 31	9, 698. 31		9, 698. 31
Total.....	241, 911. 74	2, 277, 065. 84	222, 603. 47	2, 291, 160. 09
Results: Excess.....	36, 223. 26	168, 261. 41	57, 587. 73	112, 686. 96

DRAINAGE

Operation and maintenance cost.....	\$123, 313. 05	\$455, 535. 13	\$116, 733. 04	\$508, 955. 24
Operation and maintenance returns:				
Contracted.....	138, 626. 79	688, 118. 27	68, 905. 56	687, 732. 77
Penalties.....	13, 067. 68	38, 407. 48	6, 720. 32	38, 610. 09
Discounts (contra).....	1, 266. 27	6, 119. 71	720. 64	6, 123. 43
Total.....	150, 428. 20	720, 406. 04	74, 905. 24	720, 219. 43
Results:				
Excess.....	27, 115. 15	264, 870. 91		211, 264. 19
Deficit.....			41, 827. 80	

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1925	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	\$698,372.29	\$3,781,096.93	\$120,621.95	\$1,955,365.95		\$25,092.00	\$1,800,638.98
Charges paid in advance			1 2,021.78	5,038.02			
Refunds				567.77			
Operation and maintenance (regular):							
Water-right charges, project lands (96,776.08 acres)	129,815.79	1,349,416.11	24,272.17	868,273.18	\$964.21	28,650.20	452,492.73
Warren Act (379.07 approximate acres)	403.18	4,414.62	71.37	2,921.45	3.57	6.91	1,486.26
Irrigation districts (68,331.03 approximate acres)	79,194.52	776,809.29	22,350.07	588,984.76	242.66	17,869.18	169,946.35
Total	209,413.49	2,130,631.02	46,693.61	1,460,179.39	1,210.44	46,526.29	623,925.34
Penalties and interest	2,702.13	62,189.46	2,347.11	31,712.37			30,477.09
Refunds				363.79			
Operation and maintenance (drainage):							
Water-right charges, project lands (96,776.08 acres)	46,426.20	466,045.62	56,552.17	332,689.50	669.35	5,718.20	127,637.92
Rental lands (5,598.50 approximate acres)	2,529.09	21,712.45	2,928.82	14,507.95	51.29	405.23	6,799.27
Irrigation districts (68,331.03 approximate acres)	19,950.27	199,974.70	26,335.12	120,197.62			79,777.08
Total	68,905.56	687,732.77	85,816.11	467,395.07	720.64	6,123.43	214,214.27
Penalties and interest	6,720.32	33,610.09	6,720.32	38,610.09			
Refunds				36.08			
Miscellaneous:							
Rentals of irrigation water	11,698.29	773,902.06	6,689.02	744,968.07		4,720.50	24,213.49
Rentals power and light	6,196.10	145,366.01		96,424.61	6,196.10	48,941.40	
Rentals grazing and farming lands	1 1,893.25	19,657.75	1 1,301.70	19,559.30			98.45
Construction penalties and interest	8,407.42	122,764.83	5,624.32	68,501.44			54,263.39
Other			9,224.10	636,839.79			2,927.94
Grand total collections			280,413.06	5,525,591.74			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 47.6 per cent of total accruals. Uncollected regular operation and maintenance charges as of June 30, 1926, 29.3 per cent of total accruals. Uncollected drainage operation and maintenance charges as of June 30, 1926, 31.3 per cent of total accruals.

IDAHO, KING HILL PROJECT

[Operated by the King Hill irrigation district]

The King Hill project is located in the counties of Elmore, Twin Falls, Owyhee, and Gooding. The average elevation above sea level is 2,750 feet. During the past 12 years the average annual rainfall was 8.59 inches, the average maximum temperature 107°, and the average minimum temperature 4° F. The soil ranges

from light to heavy sandy loam with some heavy clay. With an irrigation season of 193 days, the project produces principally alfalfa, alfalfa seed, potatoes, grains, fruits in favorable seasons, and stock.

Operation and settlement data, King Hill project

Item	1921	1922	1923	1924	1925
Aereage for which the bureau was prepared to supply water.....	13, 648	13, 648	16, 890	16, 890	16, 890
Aereage irrigated.....	5, 908	6, 440	7, 017	6, 240	8, 025
Miles of canal operated.....	83.5	91.3	100.1	100.1	93.5
Water diverted (acre-feet).....	56, 153	61, 326	91, 834	104, 536	40, 112
Water delivered to land (acre-feet).....	30, 028	35, 875	41, 933	53, 984	25, 488
Per acre of land irrigated (acre-feet).....	5.08	5.57	5.97	8.65	3.17
Total number of farms on project.....	260	260	260	263	¹ 263
Population.....	557	599	598	655	¹ 655
Total irrigated farms.....	160	175	184	188	187
Operated by owners or managers.....	141	131	124	¹ 117	97
Operated by tenants.....	19	44	60	71	90
Number of towns.....	4	4	4	4	4
Population.....	1, 685	2, 052	1, 525	1, 818	1, 818
Total population of towns and farms.....	2, 212	2, 651	2, 123	2, 473	¹ 2, 473
Number of public schools.....	6	6	6	6	6
Number of churches.....	5	5	5	5	5
Number of banks.....	2	1	1	1	1
Total capital stock.....	\$30, 000	\$20, 000	\$20, 000	\$20, 000	¹ \$20, 000
Amount of deposits.....	\$319, 036	\$275, 000	\$290, 000	\$286, 315	¹ \$286, 315
Number of depositors.....	824	800	1, 000	950	¹ 950

¹ 19 farm owners farming rented lands in connection with their own farms.

Appropriations

Fiscal year 1926:	
Congressional authorizations.....	\$34, 500.00
Disbursements.....	\$21, 452.24
Liabilities outstanding.....	300.75
	21, 752.99
Unencumbered balance June 30, 1926.....	12, 747.01
Fiscal year 1927: Amount specified in appropriation acts.....	

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$2, 005, 553.02	\$193, 478.48	\$2, 109, 031.50
Less collections.....	128, 811.19		128, 811.19
Net investment June 30, 1926.....	1, 876, 741.83	103, 478.48	1, 980, 220.31

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....		\$1, 904, 898.80
Less:		
Contributed funds.....		\$8, 025.66
Construction revenues.....	\$2, 159.20	20, 161.61
		28, 187.27
Total to be repaid by water users.....	¹ 2, 159.20	1, 876, 711.53
Contracted repayments: Contract, King Hill irrigation district.....		2, 000, 000.00

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$41,036.74	\$156,048.79	\$22,698.35	\$156,621.99
Operation and maintenance returns:				
Contracted.....	33,552.75	157,224.95	32,846.92	157,798.15
Discounts (contra).....		1,519.05		1,519.05
Miscellaneous revenues.....	342.89	342.89	342.89	342.89
Total.....	33,895.64	156,048.79	33,189.81	156,621.99
Results:				
Excess.....			10,491.46	
Deficit.....	7,141.10			

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$40,000.00	\$80,000.00					\$80,000.00
Contributed funds.....		8,025.66		\$8,025.66			
Operation and maintenance: King Hill irrigation district (16,887.81 approximate acres).....	32,846.92	157,798.15	\$160.15	59,192.22		\$1,519.05	97,086.88
Miscellaneous:							
Penalties and interest.....		476.99		476.99			
Other.....			827.78	61,116.32			43.49
Grand total collections.....			987.93	128,811.19			

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 100 per cent of total accruals, Uncollected operation and maintenance charges as of June 30, 1926, 61.5 per cent of total accruals.

IDAHO, MINIDOKA PROJECT

The Minidoka project is located in Minidoka and Cassia Counties, Idaho. Jackson Lake Reservoir is in Teton County, Wyo. The American Falls Reservoir is in Power, Bingham, and Bannock Counties, Idaho. The irrigation season is from April 1 to October 15 (198 days); average rainfall for 20 years, 11.82 inches; average of maximum and minimum temperatures for the past 20 years, 99.35° and —14.25° F. The principal products are alfalfa, wheat, oats, barley, small seeds, potatoes, livestock, poultry, and dairy commodities.

Operation and settlement data, Minidoka project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	121,557	121,562	121,570	121,574	121,574
Acreage irrigated.....	107,230	105,580	104,470	99,205	102,351
Miles of canal operated.....	634.60	634.60	634.60	634.60	634
Water diverted (acre-feet).....	697,815	711,050	706,889	633,320	831,288
Water delivered to land (acre-feet).....	¹ 99,363	¹ 107,573	¹ 112,389	¹ 107,653	¹ 126,518
Per acre of land irrigated (acre-feet) ²	¹ 2.13	¹ 2.38	¹ 2.49	¹ 2.48	¹ 2.81
Total number of farms on project.....	2,454	2,451	2,453	2,453	2,465
Population.....	8,848	8,301	7,571	7,197	7,227
Number of irrigated farms.....	2,454	2,451	2,382	2,288	2,286
Operated by owners.....	1,987	1,868	1,758	1,278	1,234
Operated by tenants.....	467	583	624	1,010	1,052
Population.....	8,848	8,301	7,571	7,197	7,227
Number of towns.....	6	6	6	6	6
Population.....	8,445	8,170	7,070	6,920	7,070
Total population, towns and farms.....	17,293	16,471	14,641	14,117	14,297
Number of public schools.....	22	22	22	23	23
Number of churches.....	29	29	29	30	33
Number of banks.....	³ 6	³ 5	³ 4	5	5
Total capital stock.....	³ \$190,000	³ \$180,000	³ \$210,000	\$200,000	\$200,000
Amount of deposits.....	³ \$1,140,000	³ \$1,100,000	³ \$1,250,000	\$1,400,000	\$1,398,000
Number of depositors.....	5,900	5,000	6,000	4,000	4,000

¹ South side pumping division only; data from gravity division not available.² Partially estimated.³ Exclusive of banks that failed.*Appropriations*

Fiscal year 1926:	
Congressional authorizations.....	\$205,000.00
Disbursements.....	\$142,054.56
Liabilities, outstanding.....	22,274.90
	164,329.46
Unencumbered balance, June 30, 1926.....	40,670.54
Fiscal year 1927: Amount specified in appropriation acts.....	370,000.00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$9,016,440.78	\$15,550.90	\$119,746.94	\$9,151,738.62
Less collections.....	6,119,712.40			6,119,712.40
Net investment, June 30, 1926.....	2,896,728.38	15,550.90	119,746.94	3,032,026.22

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$13,279.76	\$5,659,533.29
Supplemental construction.....		749,429.74
Value of works taken over.....		211,782.66
Total construction cost.....	13,279.76	\$6,620,745.69
Operation and maintenance prior to public notice (net).....	¹ 625.96	154,421.34
Operation and maintenance deficits and arrearages to be repaid with construction.....		20,630.12
		6,795,797.15
Less:		
Contributed funds.....		799,250.96
Construction revenues.....	55,787.63	687,825.84
Total to be repaid by water users.....	43,133.83	5,308,720.35
Contracted repayments; water right contracts:		
Individuals.....	4,329.22	5,611,838.12
Warren Act.....		429,412.50
Total.....	4,329.22	6,041,250.62

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$115,612.81	\$1,779,181.91	\$102,696.96	\$1,824,165.34
Operation and maintenance returns:				
Contracted.....	117,799.29	1,737,215.59	125,941.80	1,765,015.25
Penalties.....	841.37	28,196.04	1,409.82	29,169.11
Discounts (contra).....	2,107.55	22,287.04	1,775.25	22,341.74
Miscellaneous revenues.....	200.00	98,897.31	464.36	99,161.67
Subtotal.....	116,733.11	1,842,021.90	126,040.73	1,871,004.29
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....	8,316.26	20,630.12		20,630.12
Total.....	125,049.37	1,862,652.02	126,040.73	1,891,634.41
Results: Excess.....	9,436.56	83,470.11	23,343.77	67,469.07

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$337, 429. 76	\$3, 050, 144. 52	\$265, 212. 80	\$2, 236, 940. 11	\$2. 30	\$154, 436. 61	\$658, 767. 80
Contributed funds.....		799, 250. 96		799, 250. 96			
Total.....	337, 429. 76	3, 849, 395. 48	265, 212. 80	3, 036, 191. 07	2. 30	154, 436. 61	658, 767. 80
Charges paid in advance.....			1 1, 741. 48	312. 55			
Refunds.....			1, 179. 24	4, 342. 96			
Operation and maintenance:							
Water-right charges, project lands (43, 172.05) acres.....	98, 142. 14	1, 051, 313. 54	48, 498. 70	747, 709. 75	1, 775. 25	21, 596. 94	282, 006. 85
Warren Act lands (626,840 acres).....	16, 148. 74	162, 282. 87	16, 046. 69	159, 479. 12		2, 697. 48	106. 27
Irrigation districts (72,593.01 acres).....	21, 528. 73	541, 541. 05	31, 406. 54	490, 169. 11		51, 371. 94	
Total.....	135, 819. 61	1, 755, 137. 46	95, 951. 93	1, 397, 357. 98	1, 775. 25	75, 666. 36	282, 113. 12
Penalties and interest.....	1, 409. 82	29, 169. 11	1, 409. 82	29, 065. 50		103. 61	
Charges paid in advance.....			4, 458. 17	6, 123. 42			
Refunds.....			1, 126. 62	9, 825. 83			
Miscellaneous:							
Rentals of irrigation water.....	1, 090. 32	273, 698. 30	1, 090. 32	270, 464. 07		3, 234. 23	
Rentals of power and light.....	93, 441. 45	1, 000, 732. 11	104, 467. 56	980, 777. 30	2, 333. 95	9, 608. 11	10, 346. 70
Rentals, grazing and farming lands.....	401. 09	35, 539. 94	441. 11	31, 475. 10			4, 064. 84
Construction forfeitures.....			100. 80	9, 748. 78			
Penalties and interest:							
Construction.....			20, 620. 09	83, 718. 31			
Operation and maintenance.....			597. 47	597. 47			
Miscellaneous.....				3, 420. 56			
Other.....			18, 090. 76	256, 291. 50			1, 803. 35
Grand total collections.....			513, 005. 21	6, 119, 712. 40			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 21.6 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 16.1 per cent of total accruals.

AMERICAN FALLS RESERVOIR

Appropriations

Fiscal year 1926:		
Congressional authorizations		\$2,867,688.18
Disbursements	\$1,859,975.05	
Liabilities outstanding	725,756.87	
		2,585,731.92
Unincumbered balance, June 30, 1926		281,956.26
Fiscal year 1927: Amount specified in appropriation acts		1,635,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers	\$6,242,844.24	\$4,495.80	\$6,247,340.04
Less collections	3,710,630.44		3,710,630.44
Net investment, June 30, 1926	2,532,213.80	4,495.80	2,536,709.60

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction	\$2,375,626.79	\$6,153,088.81
Less:		
Contributed funds	1,265.75	\$1,265.75
Construction revenues	135,873.74	¹ 55,440.29
		¹ 54,174.54
Total to be repaid by water users	2,238,487.30	6,207,263.35
Contracted repayments: Water-right contracts (Warren Act) ..	¹ 157,307.50	3,190,330.50

¹ Contra.*Status of current accounts receivable as of June 30, 1926*

	Due		Collected (cash)		Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:					
Water-right charges	\$919,406.98	\$2,958,698.23	\$1,358,789.73	\$2,929,017.64	\$29,680.59
Contributed funds	1,265.75	1,265.75	1,265.75	1,265.75	-----
Total	920,672.73	2,959,963.98	1,360,055.48	2,930,283.39	29,680.59
Miscellaneous:					
Charges paid in advance			¹ 601,236.49	300,902.33	-----
Construction penalties and interest	279.62	105,854.52	34,244.83	105,854.52	-----
Construction forfeitures			¹ 10,902.00	1,880.00	-----
Other			204,801.60	371,710.20	2,781.28
Grand total collections			986,973.42	3,710,630.44	-----

¹ Contra.

NOTE.—Uncollected construction water-rights charges as of June 30, 1926, 1.03 per cent of total accruals.

MONTANA, HUNTLEY PROJECT

The Huntley project is located in the south central part of Montana, Yellowstone County. The soils consist of heavy clays and light sandy loams, lying at an average elevation of about 3,000 feet above sea level. The average annual rainfall is 12 to 13 inches.

Operation and settlement data, Huntley project

Item	1921	1922	1923	1924	1925
Acreages for which bureau was prepared to deliver water.....	31,964	32,000	32,000	32,540	32,540
Acres irrigated.....	18,800	19,523	18,780	19,600	18,939
Miles of canal operated.....	229	229	229	229	229
Water diverted (acre-feet).....	79,186	72,245	72,893	72,893	100,454
Water delivered to land (acre-feet).....	26,814	18,768	20,296	24,717	28,455
Per acre of land irrigated (acre-feet).....	1.42	0.96	1.01	1.26	1.50
Total number of farms on project.....	691	690	596	617	617
Number of irrigated farms.....	578	590	547	557	575
Operated by owners or managers.....	377	387	269	215	260
Operated by tenants.....	201	203	278	342	315
Population.....	1,861	1,682	1,015	1,822	1,866
Number of towns.....	8	8	8	8	8
Population.....	673	673	530	530	570
Total population in towns and on farms.....	2,534	2,355	1,545	2,352	2,436
Number of public schools.....	8	8	8	8	8
Number of churches.....	7	7	9	9	9
Number of banks.....	4	2	2	2	2
Total capital stock.....	\$95,000	\$50,000	\$50,000	\$50,000	\$50,000
Amount of deposits.....	\$402,282	\$156,000	\$155,000	\$192,180	\$163,344
Number of depositors.....	1,475	810	800	750	750

Appropriations

Fiscal year 1926:	
Congressional authorizations.....	\$118,000.00
Disbursements.....	\$28,704.31
Liabilities outstanding.....	4,716.66
	33,420.97
Unencumbered balance June 30, 1926.....	84,579.03
Fiscal year 1927: Amount specified in appropriations acts.....	96,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$2,483,219.50	\$31,698.25	\$2,514,917.75
Less collections.....	952,937.26		952,937.26
Net investment June 30, 1926.....	1,530,282.24	31,698.25	1,561,980.49

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	¹ \$268.00	\$1,124,762.67
Supplemental construction.....		373,736.05
Total construction cost.....	¹ 268.00	1,498,498.72
Operation and maintenance prior to public notice (net).....	¹ 190.75	¹ 1,000.65
Operation and maintenance deficits and arrearages to be repaid with construction.....		10,980.90
		\$1,508,478.97
Less:		
Contributed funds.....		717.64
Construction revenues.....	529.44	17,029.90
		17,747.54
Total to be repaid by water users.....	¹ 988.19	1,490,731.43
Contracted repayments; water-right contracts (individuals).....	5,746.75	1,346,195.46

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$35, 113. 51	\$946, 615. 50	\$38, 305. 57	\$965, 624. 75
Operation and maintenance returns:				
Contracted.....	35, 347. 71	526, 376. 86	36, 051. 82	526, 376. 86
Penalties.....	1, 656. 37	12, 574. 22	2, 294. 98	14, 289. 24
Discounts (contra).....	1, 080. 45	9, 788. 32	1, 070. 70	9, 808. 64
Miscellaneous revenues.....	1, 127. 40	10, 056. 96	998. 90	10, 449. 17
Subtotal.....	37, 050. 73	539, 219. 72	38, 275. 00	541, 306. 63
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		10, 980. 90		10, 980. 90
Total.....	37, 050. 73	550, 200. 62	38, 275. 00	552, 287. 53
Results:				
Excess.....	1, 937. 22			
Deficit.....		396, 414. 88	30. 57	413, 337. 22

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected, June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$33, 333. 67	\$481, 641. 57	\$28, 446. 55	\$423, 694. 09		\$502. 21	\$57, 445. 27
Contributed funds.....		717. 64		717. 64			
Total.....	33, 333. 67	482, 359. 21	28, 446. 55	424, 411. 73		502. 21	57, 445. 27
Charges paid in advance.....			37. 04	373. 43			
Refunds.....				969. 75			
Operation and maintenance:							
Water-right charges, project lands (28,192.06 acres).....	36, 051. 82	526, 376. 86	35, 693. 54	418, 077. 72	\$1, 070. 70	10, 551. 83	97, 747. 31
Penalties and interest.....	2, 294. 98	14, 289. 24	2, 294. 98	14, 113. 47		175. 77	
Charges paid in advance.....			1 521. 15	281. 34			
Refunds.....				96. 97			
Miscellaneous:							
Rentals of irrigation water.....	842. 09	8, 619. 54	1, 206. 29	8, 583. 88			35. 66
Rentals of grazing and farming lands.....	1, 142. 32	14, 770. 10	1, 174. 87	14, 320. 93			449. 17
Construction forfeitures.....			757. 08	10, 931. 93			
Construction penalties and interest.....	1, 904. 59	7, 413. 32	1, 904. 59	7, 413. 32			
Other.....			1, 357. 37	53, 362. 79			20. 00
Grand total collections.....			72, 351. 16	952, 937. 26			

1 Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 11.9 per cent of total accruals.
Uncollected operation and maintenance charges as of June 30, 1926, 18.6 per cent of total accruals.

MONTANA, MILK RIVER PROJECT

The Milk River project is located on the Great Northern Railway in north-eastern Montana, about 50 miles south of the Canadian boundary and extending from the mouth of the Milk River (which is about 120 miles west of the North Dakota line) westward for about 150 miles to and beyond Chinook. The average elevation is about 2,200 feet; the soil grades from loam through finer textured loam or clay to a soil known locally as gumbo. The average annual rainfall is about 13.51 inches; the ordinary maximum summer and minimum winter temperatures are about 100° and -40° F., respectively.

Operation and settlement data, Milk River project

Item	1921	1922	1923	1924	1925
Acreage for which bureau is prepared to supply water:					
Malta and Glasgow divisions.....	66,373	66,500	¹ 64,800	64,800	64,790
Chinook division.....	27,727	30,000	32,500	43,000	43,830
Acreage irrigated.....	42,400	² 46,370	² 41,900	² 40,500	² 49,593
Miles of canal operated, exclusive Chinook division.....	276	284	282	312	312
Water diverted (acre-feet):					
For Malta and Glasgow divisions.....	54,444	75,177	67,200	80,000	98,118
For Chinook division.....	33,335	27,655	34,000	43,000	38,820
Water delivered to land exclusive of Chinook division (acre-feet).....	6,190	6,068	6,875	7,800	11,392
Per acre of land irrigated, exclusive of Chinook division (acre-feet).....	0.54	0.51	0.50	0.61	0.57
Number of farms on project ³	⁴ 364	⁴ 298	680	657	691
Population.....	816	1,057	1,839	1,968	2,000
Number of irrigated farms.....	178	209	211	171	251
Operated by owners or managers.....	134	130	146	92	149
Operated by tenants.....	44	79	65	79	102
Population.....	784	651	50	643	936
Total population of farms and towns.....	⁵ 7,986	⁵ 8,157	⁵ 9,514	⁵ 8,993	⁵ 10,108
Number of towns.....	15	15	15	15	15
Population of towns.....	7,170	7,100	7,675	7,025	8,108
Total number of schools on project.....	38	38	35	24	21
Number of churches.....	25	25	30	35	35
Number of banks.....	24	23	20	17	13
Total capital stock.....	\$825,000	\$843,000	\$709,500	\$675,000	\$490,000
Deposits.....	\$3,362,000	\$4,350,000	\$3,736,000	\$5,036,000	\$4,761,300
Depositors.....	12,500	12,000	9,900	10,300	9,500

¹ Reduction due to better data on irrigable area.² Includes irrigated area in the Chinook division and land in the Malta and Glasgow divisions irrigated wholly or in part from floodwater systems.³ Total number of farms reported on crop census.⁴ Exclusive of Chinook division.⁵ Includes Chinook division.*Appropriations*

Fiscal year 1926:

Congressional authorizations.....	\$76,000.00
Disbursements.....	\$53,026.38
Liabilities outstanding.....	10,574.29
	63,600.67

Unencumbered balance, June 30, 1926.....

Fiscal year 1927: Amount specified in appropriation acts..... 12,399.33

72,000.00

Voucher transactions

	Reclamation fund	Judgments of Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$7,471,261.22	\$2,674.64	\$98,095.17	\$7,572,031.03
Less collections.....	441,010.54			441,010.54
Net investment, June 30, 1926.....	7,030,250.68	2,674.64	98,095.17	7,131,020.49

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$62,112.05	\$6,742,873.04
Operation and maintenance prior to public notice (net).....	43,356.89	467,037.48
		\$7,209,910.52
Less construction revenues.....	2,871.28	66,092.16
Total to be repaid by water users.....	102,597.66	7,143,818.36

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Charges paid in advance.....				\$1, 114. 00			
Miscellaneous:							
Rentals of irrigation water.....	\$19, 109. 32	\$229, 195. 21	\$20, 011. 54	211, 385. 89	\$19. 62	\$1, 194. 40	\$16, 614. 92
Rentals of grazing and farming lands.....	4, 352. 91	39, 081. 14	4, 357. 91	38, 662. 49		38. 88	379. 77
Other.....			1, 449. 16	189, 848. 16			470. 25
Grand total collections.....			25, 818. 61	441, 010. 54			

MONTANA, SUN RIVER PROJECT

The Sun River project is located in Cascade, Chouteau, Lewis and Clark, and Teton Counties, lying to the north and west of Great Falls, Mont. The average elevation of the irrigable area is about 3,700 feet above sea level; the soil is loam, clay, and alluvium. The average annual rainfall is 10.9 inches; and the average annual temperatures are: Maximum, 96°; minimum, -34°; mean, 45° F. The length of the irrigation season is from May 1 to October 10 (163 days); the principal crops are hay, grain, vegetables, livestock, and dairy products. The project is served by lines of the Great Northern, and the Chicago, Milwaukee & St. Paul Railways. The principal markets are Great Falls, St. Paul, Minneapolis, Chicago, and Seattle.

The Fort Shaw division is watered by a canal system taking water from Sun River. For the irrigation of lands north of Sun River, water is diverted from the north fork of Sun River and is carried through Pishkun, Sun River Slope, and Greenfields Canals to the irrigable lands. The distributing system has been built for the irrigation of 41,975 acres.

Operation and settlement data, Fort Shaw and Greenfields divisions, Sun River project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	40, 057	42, 465	42, 470	57, 160	55, 877
Acreage irrigated.....	21, 750	20, 537	9, 090	21, 630	20, 468
Miles of canal operated.....	267	267	267	386	384
Water diverted (acre-feet).....	88, 258	64, 683	44, 709	80, 089	73, 707
Water delivered to land (acre-feet).....	30, 300	24, 200	13, 205	31, 145	26, 538
Per acre of land irrigated (acre-feet).....	1. 39	1. 17	1. 31	1. 44	1. 29
Total number of farms on project.....	500	500	500	763	763
Population.....	1, 060	1, 000	1, 000	1, 112	1, 097
Number of irrigated farms.....	373	388	294	441	416
Operated by owners or managers.....	285	273	200	26	224
Operated by tenants.....	88	115	94	175	192
Population.....	949	978	817	1, 059	1, 001
Number of towns.....	4	4	4	4	4
Population.....	378	401	354	397	369
Total population in towns and on farms.....	1, 378	1, 401	1, 354	1, 509	1, 466
Number of public schools.....	17	17	17	17	17
Number of churches.....	11	11	11	11	11
Number of banks.....	3	3	3	3	2
Total capital stock.....	\$65, 000	\$71, 500	\$65, 000	\$66, 400	\$50, 000
Amount of deposits.....	\$150, 000	\$158, 000	\$212, 000	\$147, 000	\$125, 000
Number of depositors.....	780	710	650	585	700

Appropriations

Fiscal year 1926:		
Congressional authorization.....		\$611, 025. 70
Disbursements.....	\$48, 635. 62	
Liabilities outstanding.....	5, 254. 12	
		53, 839. 74
Unencumbered balance June 30, 1926.....		557, 135. 96
Fiscal year 1927: Amount specified in appropriation acts.....		¹ 59, 000. 00

¹ Plus unexpended balance of 1926 appropriation.*Voucher transactions*

	Reclamation fund	Judgments, Court of Claims	Increase of compensa- tion (net)	Total
Disbursements and net transfers.....	\$4, 910, 060. 32	\$1, 585. 35	\$69, 158. 93	\$4, 980, 804. 60
Less collections.....	559, 845. 15			559, 845. 15
Net investment June 30, 1926.....	4, 350, 215. 17	1, 585. 35	69, 158. 93	4, 420, 959. 45

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$18, 846. 18	\$4, 407, 615. 96
Operation and maintenance prior to public notice (net).....	9, 071. 77	140, 385. 33
Operation and maintenance deficits and arrearages to be repaid with construction.....		16, 373. 99
		\$4, 564, 375. 28
Less:		
Contributed funds.....	25. 70	300. 39
Construction revenues.....	1, 365. 13	40, 440. 06
		40, 740. 45
Total to be repaid by water users.....	26, 527. 12	4, 523, 634. 83
Contracted repayments: Water-right contracts (individuals).....	¹ 5, 453. 80	416, 964. 33

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year year 1926	To June 30, 1926
Operation and maintenance cost.....	\$12, 013. 58	\$230, 134. 25	\$11, 676. 49	\$237, 289. 15
Operation and maintenance returns:				
Contracted.....	11, 403. 14	181, 822. 00	11, 028. 00	181, 442. 46
Penalties.....	2, 311. 11	5, 780. 39	1, 030. 90	6, 464. 01
Discounts (contra).....	207. 90	3, 400. 14	214. 62	3, 432. 32
Miscellaneous revenues.....	314. 15	2, 793. 49	304. 29	2, 808. 91
Subtotal.....	13, 820. 50	186, 995. 74	12, 148. 57	187, 283. 06
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		16, 373. 99		16, 373. 99
Total.....	13, 820. 50	203, 369. 73	12, 148. 57	203, 657. 05
Results:				
Excess.....	1, 806. 92		472. 08	
Deficit.....		26, 764. 52		33, 632. 10

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected, June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$15,015.10	\$195,345.44	\$9,485.20	\$165,580.74	\$54.21	\$179.30	\$29,285.40
Contributed funds.....	25.70	300.39	25.70	184.47			115.92
Total.....	15,040.80	195,645.83	9,510.90	165,765.21	54.21	479.30	29,401.32
Charges paid in advance.....			10.55	29,186.61			
Refunds.....				3,034.70			
Operation and maintenance:							
Water-right charges, project lands (13,902.01 acres).....	11,028.00	181,442.46	8,739.87	148,526.47	340.59	3,834.10	29,081.89
Penalties and interest.....	1,030.90	6,464.01	798.85	5,839.78	41.50	165.88	458.35
Charges paid in advance.....			10.55				
Refunds.....				126.91			
Miscellaneous:							
Rentals of irrigation water.....	16,862.38	88,701.12	20,533.99	63,292.54	148.24	1,069.54	21,339.04
Rentals, grazing and farm- ing lands.....	5,327.01	42,756.11	5,489.28	39,822.96			2,933.15
Construction forfeitures.....			128.88	4,731.93			
Construction penalties and interest.....	1,731.75	6,021.55	1,437.04	5,546.12	.91	13.12	462.31
Other.....			3,503.40	93,971.92			939.17
Grand total collections.....			50,142.21	559,845.15			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 15 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 16 per cent of total accruals.

MONTANA-NORTH DAKOTA, LOWER YELLOWSTONE PROJECT

The Lower Yellowstone project is situated on the west side of the Yellowstone River in eastern Montana and western North Dakota. The length of the irrigation season depends upon the amount of precipitation in the spring. May 1 to October 10 (163 days) is the maximum period of water deliveries. The average elevation is 1,900 feet above sea level. The average number of days between the last killing frost in the spring and the first in the fall is 129. Since 1905 the average annual rainfall has been about 14.4 inches. The average of the highest temperature is 103° F., and the average lowest —35° F. Some alkali and gumbo are found in scattered low tracts, but the project as a whole has a deep sandy loam soil. The principal crops are alfalfa, grain, sugar beets, seed peas, potatoes, and corn. The principal markets are Sidney, Mont., for sugar beets; Duluth, Minneapolis, and local mills for grain; St. Paul, Minn., Chicago, Ill., and Seattle, Wash., for livestock. Alfalfa, corn, oats, and barley are largely consumed locally.

Operation and settlement data, Lower Yellowstone project

Item	1921	1922	1923	1924	1925
Acreage for which the bureau was prepared to supply water.....	1 40,344	1 40,200	1 58,000	1 58,000	1 58,000
Acreage irrigated.....	19,980	15,599	17,859	14,030	18,276
Miles of canal operated.....	174	213	268	226	243
Water diverted (acre-feet).....	64,972	49,280	89,290	81,070	107,340
Water delivered to land (acre-feet).....	25,733	18,411	22,459	17,757	29,675
Per acre of land irrigated (acre-feet).....	1.28	1.17	1.26	1.26	1.62
Total number of farms on project.....	572	575	686	686	722
Population.....	1,390	1,591	1,265	1,567	1,411
Number of irrigated farms.....	370	370	373	390	438
Irrigated farms operated by owners and managers.....	223	236	231	235	200
Irrigated farms operated by tenants.....	147	134	142	155	238
Number of towns.....	8	8	8	8	8
Population.....	2,805	2,805	2,415	2,560	3,050
Total population in towns and farms.....	4,195	4,396	3,680	4,127	4,461
Number of public schools.....	12	13	13	16	14
Number of churches.....	15	15	15	15	16
Number of banks.....	9	7	4	6	5
Total capital stock.....	\$335,000	\$200,000	\$100,000	\$150,000	\$137,500
Amount of deposits.....	\$1,851,000	\$1,425,000	\$308,645	\$880,120	\$868,000
Number of depositors.....	4,726	4,475	1,850	2,778	3,170

¹ District lands only.*Appropriations*

Fiscal year 1926:		
Congressional authorizations.....		\$180,000.00
Disbursements.....		\$51,289.85
Liabilities outstanding.....		5,760.44
		57,050.29
Unencumbered balance June 30, 1926.....		122,949.71
Fiscal year 1927: Amount specified in appropriation acts.....		137,000.00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$4,211,969.84	\$40,119.25	\$30,908.55	\$4,282,997.64
Less collections.....	428,756.79			428,756.79
Net investment June 30, 1926.....	3,783,213.05	40,119.25	30,908.55	3,854,240.85

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....		\$3,089,220.39
Supplemental construction.....		77,306.38
Total construction cost.....		3,166,526.77
Operation and maintenance prior to public notice (net).....	¹ \$982.02	¹ 1,536.20
Operation and maintenance deficits and arrearages to be repaid with construction.....		522,500.05
Less construction revenues.....	993.97	\$3,687,490.62
Total to be repaid by water users.....	¹ 1,975.99	46,776.22
Contracted repayments:		
Contracts, Lower Yellowstone irrigation districts Nos. 1 and 2.....	¹ 135.50	3,588,285.91
Water-right contracts (special).....		25,880.40
Total.....		3,614,166.31

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$66,566.58	\$1,037,401.59	\$56,183.26	\$1,069,745.06
Operation and maintenance returns:				
Contracted.....	65,783.56	389,123.86	65,783.56	389,123.86
Penalties.....		2.59		2.59
Discounts (contra).....		4.63		4.63
Miscellaneous revenues.....	783.02	125,779.72	950.68	126,044.88
Subtotal.....	66,566.58	514,901.54	66,734.24	515,166.70
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		522,500.05		522,500.05
Total.....	66,566.58	1,037,401.59	66,734.24	1,037,666.75
Results:				
Excess.....			10,550.98	
Deficit.....				32,078.31

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction: Water-right charges.....	\$32,648.96	\$134,706.92	\$19,286.13	\$70,149.45	-----	-----	\$64,557.47
Operation and maintenance:							
Water-right charges, irri- gation districts (58,248 acres).....	52,427.20	343,693.79	42,673.45	95,407.17	-----	\$4.63	248,281.99
Penalties and interest.....		2.59		2.59	-----		
Refunds.....				190.56	-----		
Miscellaneous:							
Rentals of irrigation water.....	151.70	124,002.19	1,540.53	123,986.26	-----		15.93
Rentals of farming and graz- ing lands.....	290.00	3,567.63	217.70	3,495.33	-----		72.30
Penalties and interest—							
Construction.....	5,622.16	5,637.04	5,622.16	5,637.04	-----		
Operation and mainte- nance.....	11,188.89	49,752.72	11,188.89	49,752.72	-----		
Miscellaneous.....	218.40	218.40		218.40	-----		
Other.....			5,504.58	79,917.27	-----		17.75
Grand total collections.....	-----	-----	86,251.84	428,756.79	-----	-----	-----

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 47.9 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 72.3 per cent of total accruals.

NEBRASKA-WYOMING, NORTH PLATTE PROJECT

The North Platte project is situated in western Nebraska and eastern Wyoming. The character of the soil varies from sandy loam on the major portion of the Interstate and Northport divisions to gumbo soil on portions of the Fort Laramie division. The principal products are alfalfa, cereals, corn, sugar beets, and potatoes; and the principal markets are Omaha, Nebr., Kansas City and St. Joseph, Mo., Denver, Colo., and central Wyoming. The length of the irrigation season is from April 1 to September 30 and the average rainfall amounts to 14.67 inches. The average temperature ranges between 99° maximum and -21° minimum, F.

Operation and settlement data, Interstate division, North Platte project

Item	1921	¹ 1922	¹ 1923	¹ 1924	¹ 1925
Acreage for which bureau was prepared to supply water.....	² 129,666	113,436	113,490	114,633	113,716
Acreage irrigated.....	² 97,400	87,306	87,404	81,888	84,116
Miles of canal operated.....	809	805	802	810	810
Water delivered to land (acre-feet).....	³ 186,328	222,509	155,600	262,245	221,458
Per acre of land irrigated (acre-feet).....	³ 2.14	2.55	1.78	2.72	2.63
Total number of farms on project ⁴	1,450	1,458	1,458	1,458	1,460
Population.....	5,700	5,300	5,300	5,000	4,500
Number of irrigated farms.....	1,340	1,340	1,307	1,325	1,363
Operated by owners or managers.....	710	720	669	625	581
Operated by tenants.....	630	620	638	700	782
Population.....	5,200	4,782	4,543	4,350	3,997
Number of towns.....	9	9	6	6	6
Population.....	14,400	14,400	12,700	12,700	12,700
Total population of towns and farms.....	20,100	19,700	18,000	17,700	17,200
Number of public schools.....	40	40	50	50	50
Number of churches.....	26	26	37	37	37
Number of banks.....	27	12	13	12	12
Total capital stock.....	\$787,500	\$475,000	\$505,000	\$437,500	\$437,500
Amount of deposits.....	\$5,834,400	\$3,957,700	\$4,533,000	\$5,174,460	\$5,590,000
Number of depositors.....	11,200	11,650	13,390	12,300	14,000

¹ All data exclusive of North Platte Canal & Colonization Co. lands.² Includes North Platte Canal & Colonization Co. lands.³ Exclusive of lands under North Platte Canal & Colonization Co. tract.⁴ Statistics for items below, for years previous to 1922, include some figures for Fort Laramie and Northport divisions.*Operation and settlement data, Fort Laramie division, North Platte project*

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	16,232	44,091	55,500	72,000	107,075
Acreage irrigated.....	12,150	20,302	32,441	39,064	69,093
Miles of canal operated.....	138	311	427	539	662
Water delivered to the land (acre-feet).....	22,665	43,689	45,808	98,757	141,878
Per acre of land irrigated (acre-feet).....	1.85	2.15	1.41	2.53	2.06
Total number of farms on project ¹	407	573	717	1,334	1,322
Population.....	1,500	1,086	1,700	4,500	4,500
Number of irrigated farms.....	190	320	564	770	979
Operated by owners or managers.....	105	244	259	207	358
Operated by tenants.....	85	76	305	563	611
Population.....	433	650	1,411	1,575	2,601
Number of towns.....	3	11	10	10	10
Population.....	2,900	5,000	4,800	4,800	4,800
Total population of towns and farms.....	4,400	6,086	6,500	9,300	9,300
Number of public schools.....	10	20	38	38	38
Number of churches.....	1	16	18	18	18
Number of banks.....	² 8	12	7	5	6
Total capital stock.....	³ \$185,000	\$285,000	\$165,000	\$95,000	\$120,000
Amount of deposits.....	⁴ \$1,039,600	\$1,794,900	\$1,413,000	\$1,000,110	\$1,260,000
Number of depositors.....	5,500	3,600	4,150	4,800	3,150

¹ Data for items below for years previous to 1923 estimated.² Lands on the Interstate and Fort Laramie divisions are tributary to 6 of the banks listed above.³ \$155,000 of this amount is listed under similar caption on Interstate division.⁴ \$919,600 of this amount is listed under similar caption on Interstate division.

Operation and settlement data, Northport division, North Platte project

Item	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water..	4, 712	16, 350	16, 350	16, 216
Acreage irrigated.....	3, 645	8, 950	9, 169	9, 489
Miles of canal operated.....		100	106	107
Water delivered to the land (acre-feet).....	11, 722	16, 821	30, 535	24, 646
Per acre of land irrigated (acre-feet).....	3. 02	1. 88	3. 33	2. 60
Total number of farms on project.....	232	233	233	233
Population.....	800	406	700	700
Number of irrigated farms.....	50	148	179	167
Operated by owners of managers.....	19	70	57	60
Operated by tenants.....	31	78	122	107
Population.....	250	225	415	380
Number of towns.....	2	2	2	2
Population.....	1, 400	1, 400	1, 400	1, 400
Total population of towns and farms.....	2, 220	1, 806	2, 100	2, 100
Number of public schools.....	7	6	14	14
Number of churches.....	5	5	5	5
Number of banks.....	2	2	2	2
Total capital stock.....	\$50, 000	\$50, 000	\$50, 000	\$50, 000
Amount of deposits.....	\$827, 000	\$843, 600	\$942, 000	\$850, 000
Number of depositors.....	2, 000	2, 480	2, 300	2, 000

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$1, 699, 911. 47
Disbursements.....	\$1, 222, 733. 26	
Liabilities outstanding.....	312, 376. 46	
		1, 535, 109. 72
Unencumbered balance June 30, 1926.....		164, 801. 75
Fiscal year 1927: Amount specified in appropriation acts.....		1, 500, 000. 00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$21, 013, 192. 14	\$26, 425. 67	\$353, 839. 98	\$21, 393, 457. 79
Less collections.....	4, 686, 798. 65			4, 686, 798. 65
Net investment, June 30, 1926.....	16, 326, 393. 49	26, 425. 67	353, 839. 98	16, 706, 659. 14

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$582, 702. 56	\$16, 032, 008. 77
Supplemental construction.....	417, 376. 19	1, 340, 976. 51
Value of works taken over.....		41, 441. 65
Equipment and supplies added to construction cost.....	46, 908. 50	46, 908. 50
Total construction cost.....	1, 076, 987. 25	17, 461, 335. 43
Operation and maintenance prior to public notice (net).....	¹ 3, 756. 49	577, 530. 28
Operation and maintenance deficits and arrearages to be repaid with construction.....		150, 483. 08
		\$18, 189, 348. 79
Less:		
Contributed funds.....	¹ 815. 96	33, 782. 28
Construction revenues.....	127, 361. 48	242, 830. 01
		276, 612. 29
Total to be repaid by water users.....	946, 685. 24	17, 912, 736. 50
Contracted repayments, water-right contracts:		
Individuals.....	11, 550. 00	7, 923, 549. 41
Warren Act.....	¹ 123, 813. 50	950, 200. 00
Irrigation districts.....	38, 973. 25	6, 338, 973. 25
Special.....	\$4, 840. 25	123, 813. 50
Total.....	11, 550. 00	15, 336, 536. 16

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$365, 143. 55	\$2, 485, 518. 04	\$254, 578. 27	\$2, 576, 774. 78
Operation and maintenance returns:				
Contracted.....	351, 411. 95	2, 437, 382. 77	254, 680. 52	2, 450, 886. 67
Penalties.....	194. 83	27, 036. 74	83, 378. 77	110, 286. 14
Discounts (contra).....	1, 371. 13	35, 410. 41	1, 391. 51	35, 716. 07
Miscellaneous revenues.....	1, 528. 80	25, 232. 64	1, 179. 50	26, 071. 14
Subtotal.....	351, 764. 45	2, 454, 241. 74	337, 847. 28	2, 551, 527. 88
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		150, 483. 08		150, 483. 08
Total.....	351, 764. 45	2, 604, 724. 82	337, 847. 28	2, 702, 010. 96
Results:				
Excess.....		119, 206. 78	83, 269. 01	125, 236. 18
Deficit.....	13, 379. 10			

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	\$415, 892. 39	\$3, 542, 573. 08	\$71, 992. 40	\$1, 859, 861. 92	\$830. 51	\$36, 527. 78	\$1, 646, 183. 38
Contributed funds.	¹ 815. 96	33, 782. 28	¹ 815. 96	33, 782. 28			
Total.....	415, 076. 43	3, 576, 355. 36	71, 176. 44	1, 893, 644. 20	830. 51	36, 527. 78	1, 646, 183. 38
Charges paid in advance.....			¹ 206. 94	322. 06			
Refunds.....			3, 457. 28	5, 196. 13			
Operation and main- tenance:							
Water-right charges, project lands (109,166.07 acres).....	214, 564. 12	2, 040, 594. 22	37, 107. 25	1, 234, 440. 51	1, 800. 78	46, 297. 42	759, 856. 29
Special contracts.....	¹ 13, 468. 87	153, 354. 74	¹ 8, 609. 45	13, 061. 55	51. 67	270. 04	10, 023. 15
Warren Act lands (127,115, approxi- mate, acres).....	9, 420. 43	87, 798. 73	4, 128. 13	76, 013. 86			11, 784. 87
Contributed funds.	21, 180. 00	100, 483. 50	21, 180. 00	100, 483. 50			
Irrigation districts (16,350 approxi- mate acres).....	22, 984. 84	68, 655. 48	23, 381. 10	46, 129. 14			22, 526. 34
Total.....	254, 680. 52	2, 450, 886. 67	77, 187. 03	1, 600, 128. 56	1, 852. 45	46, 567. 46	804, 190. 65
Penalties and interest.....	83, 378. 77	110, 286. 14	¹ 115. 50	26, 064. 13	32. 96	760. 70	83, 461. 31
Charges paid in advance.....			159. 59	330. 69			
Refunds.....				488. 96			
Miscellaneous:							
Rentals of irriga- tion water.....	103, 385. 19	391, 328. 44	39, 259. 14	319, 186. 54		10. 00	72, 131. 90
Rentals, power and light.....	98, 702. 44	251, 626. 31	70, 351. 65	199, 460. 41	24, 104. 37	44, 006. 27	8, 159. 53
Rentals of grazing and farming lands.....	6, 994. 90	96, 775. 60	7, 133. 80	91, 995. 63	72. 31	72. 31	4, 707. 66
Construction forfei- tures.....				6, 102. 75			
Penalties and interest—							
Construction.....	127, 817. 75	231, 414. 74	5, 872. 82	98, 604. 71	108. 39	860. 03	131, 950. 00
Operation and maintenance.....		2, 015. 37		2, 015. 37			
Miscellaneous.....		7, 074. 14		7, 074. 14			
Other.....			66, 841. 81	436, 184. 37			7, 083. 42
Grand total col- lections.....			341, 117. 12	4, 686, 798. 65			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 46.4 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 32.8 per cent of total accruals.

NEVADA, NEWLANDS PROJECT

The Newlands project is located on the Southern Pacific Railroad in Churchill, Storey, Lyon, and Washoe Counties, Nev. The annual average precipitation on the irrigable area, which is at an average elevation of 4,000 feet above sea level, is 4.74 inches. The principal crops are alfalfa, grain, potatoes, cantaloupes, honey, and dairy products.

Operation and settlement data, Newlands project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	72,166	73,747	73,730	72,625	64,572
Acreage irrigated.....	46,160	44,963	44,890	44,280	42,545
Miles of canals operated.....	393	410	411	411	407
Water diverted (acre-feet).....	314,241	499,508	367,929	265,660	499,273
Water delivered to land (acre-feet).....	132,788	141,972	145,653	149,560	158,522
Per acre of land irrigated (acre-feet).....	2.87	3.15	3.24	3.38	3.72
Total number of farms on project.....	870	906	912	917	794
Population.....	2,652	2,450	2,737	2,668	2,549
Number of irrigated farms.....	788	778	788	762	761
Operated by owners or managers.....	708	681	681	670	639
Operated by tenants.....	80	97	107	92	122
Population.....	2,652	2,450	2,737	2,668	2,549
Number of towns.....	5	5	5	5	5
Population.....	2,500	2,500	2,500	2,300	2,400
Total population, towns, and on farms.....	5,152	4,950	5,237	4,968	4,949
Number of public schools.....	11	11	11	11	11
Number of churches.....	8	8	8	9	9
Number of banks.....	1	1	1	1	1
Capital stock.....	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Amount of deposits.....	\$677,104	\$680,700	\$800,000	\$851,639	\$975,273
Number of depositors.....	2,000	1,700	1,600	1,700	1,750

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$912,000.00
Disbursements.....	\$124,056.26	
Liabilities outstanding.....	13,055.89	
		137,112.15
Unencumbered balance June 30, 1926.....		774,887.85
Fiscal year 1927: Amount specified in appropriation acts.....		152,000.00

¹ Plus certain unexpended balances of 1926 appropriations.

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$9,193,499.32	\$90,440.32	\$9,283,939.64
Less collections.....	2,140,017.07		2,140,017.07
Net investment June 30, 1926.....	7,053,482.25	90,440.32	7,143,922.57

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$27, 667. 86	\$6, 744, 281. 04
Supplemental construction.....		753, 955. 72
Value of works taken over.....		37, 082. 61
Total construction cost.....	27, 667. 86	\$7, 535, 319. 37
Operation and maintenance prior to public notice (net).....	¹ 538. 37	¹ 2, 078. 48
Operation and maintenance deficits and arrearages to be repaid with construction.....	12, 287. 02	16, 444. 38
		14, 365. 90
Less: Construction revenues.....	10, 249. 68	7, 549, 685. 27
		185, 755. 48
Total to be repaid by water users.....	29, 166. 83	7, 363, 929. 79
Contracted repayments:		
Water-right contracts (individuals).....	¹ 133, 553. 67	1, 707, 473. 77
Contract, Truckee-Carson Irrigation District.....		699, 305. 80
Total.....	¹ 133, 553. 67	2, 406, 779. 57

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$94, 512. 47	\$1, 379, 737. 30	\$99, 564. 50	\$1, 431, 471. 83
Operation and maintenance returns:				
Contracted.....	51, 608. 29	1, 246, 314. 37	74, 245. 25	1, 242, 609. 46
Penalties.....	8, 668. 24	25, 230. 24	6, 964. 50	28, 178. 22
Discounts (contra).....	2, 616. 74	22, 868. 22	2, 757. 17	23, 017. 23
Miscellaneous revenues.....	5, 248. 83	24, 597. 70	1, 463. 00	25, 439. 87
Subtotal.....	62, 908. 62	1, 273, 274. 09	79, 915. 58	1, 273, 210. 32
Other credits: Operation and maintenance deficit and arrearages to be repaid with construction.....	12, 287. 02	16, 444. 38	12, 287. 02	16, 444. 38
Total.....	75, 195. 64	1, 289, 718. 47	92, 202. 60	1, 289, 654. 70
Results: Deficit.....	19, 316. 83	90, 018. 83	7, 361. 90	141, 817. 13

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	¹ \$78,910.14	\$716,005.42	\$48,602.10	\$625,676.80	\$1,199.47	\$9,005.29	\$81,323.33
Charges paid in advance.....			² 3,677.84	1,231.21			
Refunds.....				384.55			
Operation and maintenance:							
Water - right charges, project lands (62,395 acres).....	³ 87,136.19	1,110,431.26	117,586.70	992,378.12	4,443.31	36,471.68	81,581.46
Penalties and interest.....	6,964.50	28,178.22	6,116.38	26,485.63	95.89	907.62	784.97
Charges paid in advance.....			101.37	395.68			
Refunds.....				111.96			
Miscellaneous:							
Rentals of irrigation water.....	2,001.37	26,399.14	1,980.37	20,198.29		6,176.85	24.00
Rentals, power, and light.....	15,995.65	232,443.96	15,843.53	205,595.95		25,505.75	1,342.26
Rentals, grazing and farming lands.....	2,295.23	37,746.05	4,663.26	36,917.70			828.35
Construction forfeitures.....			8,056.90	16,652.50			
Construction penalties and interest.....	6,790.93	16,502.93	6,250.87	15,946.97			555.96
Other.....			4,781.58	198,041.71			920.87
Grand total collections.....			210,305.22	2,140,017.07			

¹ Actual construction accruals for fiscal year 1926..... \$106,730.13
Less deductions due to cancellations, relinquishments, and adjustments..... \$20,242.79
Deferred under sec. 2, act May 9, 1924..... 7,577.20

Net accruals..... 78,910.14

² Contra..... \$113,068.14

³ Actual operation and maintenance accruals for fiscal year 1926..... \$13,003.23

Less deduction due to cancellations, relinquishments, and adjustments..... 12,928.72

Deferred and transferred to construction under sec. 2, act May 9, 1924..... 25,931.95

Net accruals..... 87,136.19

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 11.4 per cent of total accruals.
Uncollected operation and maintenance charges as of June 30, 1926, 7.3 per cent of total accruals.

NEW MEXICO, CARLSBAD PROJECT

The Carlsbad project is located in Eddy County, N. Mex. The length of the irrigation season is 260 days, which includes two weeks in winter. The average elevation of the irrigable area is 3,100 feet. The rainfall averages 14.2 inches. The average of recorded temperatures for a period of 23 years ranges from 112° to -7° F. The soil of the irrigable area is Pecos clay and sandy loam, with high lime content. The principal products are cotton, alfalfa, and miscellaneous grains and fruits. The principal markets are Carlsbad, Kansas City, Chicago, New Orleans, and Galveston.

Operation and settlement data, Carlsbad project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	25,000	25,000	25,000	25,045	25,045
Acreage irrigated.....	23,810	24,076	24,060	24,460	24,778
Miles of canal operated.....	45	45	45	45	45
Water diverted (acre-feet).....	137,500	116,700	120,200	133,300	104,800
Water delivered to land (acre-feet).....	59,371	56,687	57,256	66,384	45,590
Per acre of land irrigated (acre-feet).....	2.49	2.36	2.38	2.71	1.84
Total number of farms on project.....	¹ 769	¹ 796	¹ 808	¹ 824	¹ 817
Population.....	1,435	1,580	2,125	2,060	2,041
Number of irrigated farms.....	426	333	388	412	392
Operated by owners or managers.....	² 277	² 184	188	169	116
Operated by tenants.....	149	149	200	243	³ 418
Population.....	1,435	1,580	2,128	2,060	2,041
Number of towns.....	4	4	4	4	4
Population.....	3,375	3,440	3,440	3,440	3,575
Total population in towns and on farms.....	4,810	5,020	4,568	5,500	5,616
Number of public schools.....	13	10	12	12	8
Number of churches.....	11	12	12	12	12
Number of banks.....	3	3	1	2	2
Total capital stock.....	\$225,000	\$225,000	\$25,000	\$85,000	\$101,700
Amount of deposits.....	\$1,176,441	\$1,106,300	\$100,000	\$525,000	\$592,500
Number of depositors.....	2,250	2,374	4300	1,350	1,750

¹ Water-right applications; decrease due to consolidation.² Many farms were operated by one man.³ Several tenants on one farm, also operated in part by owner.⁴ Two bank failures Jan. 2 and May 10, 1924.*Appropriations*

Fiscal year 1926:	
Congressional authorizations.....	\$70,000.00
Disbursements.....	\$64,702.86
Liabilities outstanding.....	2,188.24
	66,891.10
Unencumbered balance June 30, 1926.....	3,108.90
Fiscal year 1927: Amount specified in appropriation acts.....	50,000.00

Voucher transactions

	Reclamation fund	Judgments, Courts of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$2,078,164.21	\$19,830.29	\$29,984.02	\$2,127,978.52
Less collections.....	1,291,445.53			1,291,445.53
Net investment June 30, 1926.....	786,718.68	19,830.29	29,984.02	836,532.99

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$20,330.85	\$1,458,995.57
Operation and maintenance prior to public notice (net).....	¹ 1,547.69	¹ 15,172.10
Operation and maintenance arrearages to be repaid with construction.....		1,934.00
		\$1,445,757.47
Less:		
Contributed funds.....		7,980.06
Construction revenues.....	1,005.91	17,055.22
		25,035.28
Total to be repaid by water users.....	17,777.25	1,420,722.19
Contracted repayments: Water-right contracts (individuals).....	870.00	1,425,182.75

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$46,177.99	\$602,723.62	\$48,364.17	\$628,084.30
Operation and maintenance returns:				
Contracted.....	37,991.88	591,460.32	38,021.88	591,490.32
Penalties.....	1,436.13	24,975.03	606.85	25,419.02
Discounts (contra).....	1,234.61	10,421.91	1,309.30	10,928.68
Miscellaneous revenues.....	1,640.08	16,978.11	1,796.07	18,404.16
Subtotal.....	39,833.48	622,991.55	39,115.50	624,384.82
Other credits: Operation and maintenance arrear- ages to be repaid with construction.....		1,934.00		1,934.00
Total.....	39,833.48	624,925.55	39,115.50	626,318.82
Results:				
Deficit.....	6,344.51		9,248.67	1,765.48
Excess.....		22,201.93		

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	\$60,783.87	\$594,318.43	\$48,191.64	\$567,719.39	\$81.25	\$81.25	\$26,517.79
Contributed funds		7,980.06		7,980.06			
Total	60,783.87	602,298.49	48,191.64	575,699.45	81.25	81.25	26,517.79
Charges paid in advance			131.52	333.69			
Operation and maintenance:							
Water-right charges, project lands (25,055 acres)	38,021.88	591,490.32	36,255.86	569,000.76	1,309.30	10,928.68	11,560.88
Penalties and interest	606.85	25,419.02	606.85	25,419.02			
Miscellaneous:							
Rentals of irrigation water	2,980.37	29,077.42	2,980.37	29,077.42			
Rentals of grazing lands	674.03	14,316.45	762.03	13,755.45			561.00
Construction forfeitures		269.70		269.70			
Construction penalties and interest	1,910.88	29,558.06	1,910.88	29,558.06			
Other			2,383.64	48,331.98			99.57
Grand total collections			92,959.75	1,291,445.53			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 4.46 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 1.95 per cent of total accruals.

NEW MEXICO-TEXAS, RIO GRANDE PROJECT

The Rio Grande project is international as well as interstate, having an irrigable area of 155,000 acres in New Mexico and Texas, and supplying water under treaty to approximately 25,000 acres in the Republic of Mexico. Water is also supplied by Warren Act contract to an irrigation district of 16,000 additional acres below the project. The irrigable area consists of the alluvial valley floor of the Rio Grande, ranging from 2 to 6 miles wide and 150 miles long. The water supply is obtained and controlled by storage of the flood waters of the Rio Grande in Elephant Butte Reservoir. The irrigation season normally is from February 1 to October 15, with short winter runs. The average annual rainfall is 10 inches. The elevation of the irrigable area is 3,500 to 4,200 feet. The mild, even climate permits year round outdoor work and crops. The principal crops are cotton, alfalfa, corn, cane, melons, truck, and pears. Excellent opportunities and favorable conditions exist for intensive diversified farming. El Paso, Tex., a thriving city of 100,000 population, is located near the center of the project. Main line railroads radiate from El Paso in eight lines furnishing excellent trade and

marketing facilities. The project is practically all in private ownership and is now approximately 90 per cent under cultivation.

Operation and settlement data, Rio Grande project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water	109,000	116,000	124,000	142,000	148,000
Acreage irrigated	¹ 85,580	² 89,589	³ 92,220	⁴ 116,000	⁵ 131,000
Miles canal and drain operated	586	645	808	926	950
Water diverted (acre-feet)	⁶ 782,366	⁶ 998,728	⁶ 1,036,419	1,360,380	1,248,731
Water delivered to land (acre-feet)	⁷ 197,086	204,452	188,819	240,000	282,654
Per acre of land irrigated (acre-feet)	2.55	2.28	2.18	2.18	2.16
Total number of farms on project	3,204	3,534	3,743	4,119	4,442
Population	11,774	11,267	15,925	18,128	20,583
Number of irrigated farms	3,222	3,534	3,743	4,119	4,442
Operated by owners or managers	2,628	2,954	3,014	3,089	3,144
Operated by tenants	594	580	729	1,030	1,298
Number of towns	29	34	34	34	34
Population	101,235	110,442	111,883	120,646	122,178
Total population in towns and on farms	⁸ 113,069	⁸ 121,709	127,808	138,774	142,761
Number of public schools	103	49	73	75	76
Number of churches	106	110	115	120	120
Number of banks	13	13	9	8	11
Total amount of capital stock	\$2,950,000	\$2,950,000	\$2,675,000	\$2,000,000	\$2,750,000
Amount of deposits	\$28,194,815	\$30,000,000	\$27,323,442	\$26,500,000	\$29,277,000
Number of depositors	30,000	31,000	30,000	30,000	45,000

¹ Includes 1,120 acres, Fort Hancock.

² Includes 5,369 acres in Palomas and Fort Hancock, outside project limits, irrigated under surplus stored water contract.

³ Project proper.

⁴ Does not include 240 acres in Palomas, and 8,964 acres in Hancock section irrigated under surplus and waste-water contracts.

⁵ Does not include 267 acres in Palomas and 10,800 acres in Hancock sections under Warren Act contracts.

⁶ Total diversions, including water wasted and rediverted from river below.

⁷ Includes delivery to farms by Bureau of Reclamation operation and to heads of community ditches on project.

⁸ 5,000 soldiers included in El Paso's population.

Appropriations

Fiscal year 1926:

Congressional authorizations	\$669,766.90
Disbursements	\$566,576.70
Liabilities outstanding	86,966.74
	653,543.44

Unencumbered balance June 30, 1926

16,223.46

Fiscal year 1927: Amount specified in appropriation acts

507,000.00

Voucher transactions

	Reclamation fund	Rio Grande Dam	Increase of compensation (net)	Total
Disbursements and net transfers	\$15,629,287.41	\$1,000,000.00	\$441,171.78	\$17,070,459.19
Less collections	3,634,599.68			3,634,599.68
Net investment June 30, 1926	11,994,687.73	1,000,000.00	441,171.78	13,435,859.51

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction	\$269,457.82	\$14,071,706.04
Operation and maintenance prior to public notice (net)	¹ 12,740.08	¹ 287,676.86
Less:		\$13,784,029.18
Nonreimbursable Rio Grande Dam appropriation		1,000,000.00
Construction revenues	2,047.92	39,393.52
		1,039,393.52
Total to be paid by water users	254,669.82	12,744,635.66
Contracted repayments: Contracts, Elephant Butte irrigation district and El Paso water improvement district No. 1		13,500,000.00

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$328,863.38	\$1,232,873.76	\$336,913.10	\$1,412,563.54
Operation and maintenance returns:				
Contracted.....	312,808.14	1,212,509.86	306,014.02	1,205,715.74
Penalties.....		1,426.46	1,491.51	2,917.97
Discounts.....		4,486.44		4,486.44
Miscellaneous revenues.....	16,055.24	23,423.88	21,919.93	29,479.07
Total.....	328,863.38	1,232,873.76	329,425.46	1,233,626.34
Results: Deficit.....			7,487.64	178,937.20

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Un- collected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$232,985.70	\$705,330.90	\$232,926.14	\$705,271.34			\$59.56
Charges paid in advance.....			17,094.30	30,000.00			
Operation and maintenance:							
Irrigation districts (150- 000 approximate acres).....	282,114.40	1,091,260.20	246,790.25	1,044,361.75		\$4,486.44	42,412.01
Penalties and interest.....	1,491.51	2,917.97	1,491.51	2,917.97			
Charges paid in advance.....			189.40				
Refunds.....				333.52			
Miscellaneous:							
Rentals of irrigation water.....	34,809.01	1,179,727.69	48,407.33	1,166,622.84			13,104.85
Rentals power and light.....		2,243.33		2,243.33			
Rentals grazing and farming lands.....	466.58	2,578.28	515.08	2,578.28			
Penalties and interest.....	¹ 515.80	3,037.96	¹ 515.80	3,037.96			
Other.....			25,739.60	677,232.69			20,896.35
Grand total collections.....			572,359.01	3,634,599.68			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 0 per cent of total accruals.
 Uncollected operation and maintenance charges as of June 30, 1926, 3.9 per cent of total accruals.

OREGON, UMATILLA PROJECT

The Umatilla project is located in Umatilla and Morrow Counties, Oreg., and is traversed by the main line of the Oregon-Washington Railroad & Navigation Co. and the Columbia River Highway. The average elevation of the irrigable area is 470 feet above sea level, the average rainfall is 8.62 inches for 15 years, and the length of the irrigation season will approximate 210 days. The principal products are alfalfa, fruits, vegetables, honey, and dairy products.

Operation and settlement data, Umatilla project

Item	1921	1922	1923	1924	1925
Area for which bureau was prepared to supply water.....	24,400	24,592	24,470	24,470	24,587
Miles of canal operated.....	177	186	188	193	193
Acreage irrigated.....	13,150	13,273	13,330	13,130	13,345
Water diverted (acre-feet).....	130,872	129,187	127,504	113,816	135,651
Water delivered to land (acre-feet).....	57,492	59,313	62,142	59,427	73,760
Per acre of land irrigated (acre-feet).....	4.37	4.47	4.63	4.52	5.53
Total number of farms on project.....	1,000	1,000	1,011	1,011	1,011
Population.....	1,562	1,613	1,491	1,529	1,394
Number of irrigated farms.....	544	558	540	534	538
Operated by owners or managers.....	442	435	418	367	362
Operated by tenants.....	102	123	122	167	176
Population.....	1,562	1,613	1,491	1,529	1,394
Number of towns.....	4	4	4	4	4
Population.....	1,280	1,280	1,280	1,280	1,280
Total population of towns and farms.....	2,842	2,893	2,771	2,809	2,674
Number of public schools.....	6	6	6	6	6
Number of churches.....	9	9	9	9	9
Number of banks.....	1	1	1	1	1
Total capital stock.....	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Amount of deposits.....	\$235,367	\$300,000	\$300,000	\$290,000	\$265,000
Number of depositors.....	1,200	1,200	1,200	1,200	1,200

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$840,000.00
Disbursements.....	\$548,816.48	
Liabilities outstanding.....	110,679.28	
		659,495.76
Unencumbered balance June 30, 1926.....		180,504.24
Fiscal year 1927: Amount specified in appropriation acts.....		407,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$5,806,699.03	\$47,945.96	\$5,854,644.99
Less collections.....	991,899.92		991,899.92
Net investment June 30, 1926.....	4,814,799.11	47,945.96	4,862,745.07

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$701,433.04	\$4,340,659.89
Supplemental construction.....	16,052.09	654,159.42
Total construction cost.....	717,485.13	4,994,819.31
Operation and maintenance deficits and arrearages to be repaid with construction.....		190,627.95
		\$5,185,447.26
Less:		
Contributed funds.....		1,000.00
Construction revenues.....	2,281.55	28,886.65
		29,886.65
Total to be repaid by water users.....	715,203.58	5,155,560.61
Contracted repayments, water-rights contracts:		
Individuals.....		9,897.00
Warren Act.....		1,723,550.00
Irrigation districts.....		2,690,376.97
Total.....		4,423,823.97

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$35,275.38	\$657,754.05	\$35,896.73	\$676,961.29
Operation and maintenance returns:				
Contracted.....	23,940.88	424,831.37	23,940.88	424,831.37
Penalties.....		6,375.70	1,375.44	7,751.14
Discounts.....	11.54	3,305.71	5.08	3,310.79
Miscellaneous revenues.....	980.00	39,224.74	908.58	39,683.32
Subtotals.....	24,909.34	467,126.10	26,219.82	468,955.04
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		190,627.95		190,627.95
Total.....	24,909.34	657,754.05	26,219.82	659,582.99
Results: Deficit.....	10,366.04		9,676.91	17,378.30

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges	\$94,411.22	\$659,635.02	\$2,807.38	\$390,485.03			\$269,149.99
Contributed funds		1,000.00		1,000.00			
Total	94,411.22	660,635.02	2,807.38	391,485.03			269,149.99
Charges paid in advance			12,389.51	12,202.06			
Refunds				63.00			
Operation and maintenance:							
Water-right charges project lands—(111 acres)	236.38	2,476.68	123.65	1,824.73	\$3.48	\$112.45	539.50
Warren Act lands (25,120 approximate acres)	77.00	822.45	105.40	791.64	1.60	30.81	
Irrigation districts (24,356 approximate acres)	39,447.28	399,665.47	7,768.45	316,696.38		3,167.53	79,801.56
Total	39,760.66	402,964.60	7,997.50	319,312.75	5.08	3,310.79	80,341.06
Penalties and interest		6,375.70		6,375.70			
Charges paid in advance				390.00			
Refunds				9.55			
Miscellaneous:							
Rentals of irrigation water	718.98	34,864.52	718.98	34,864.52			
Rentals of grazing and farm- ing lands	357.15	2,897.90	508.15	2,825.90			72.00
Construction forfeitures				6,701.14			
Construction penalties and interest	58.08	20,776.45	58.08	20,776.45			
Operation and maintenance penalties and interest	920.96	8,376.67	920.96	8,376.67			
Other			19,165.46	188,517.15			1,247.37
Grand total collections			29,787.00	991,899.92			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 40.8 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 19.9 per cent of total accruals.

OREGON-CALIFORNIA, KLAMATH PROJECT

The Klamath project is located in southern Oregon and northern California. The irrigation season usually begins about May 1 and ends on September 30. The average elevation of the project is 4,100 feet above sea level; the average rainfall is about 13 inches; the temperature ranges from -16° to 105° F. The principal products are alfalfa, wheat, oats, barley, potatoes, livestock, and dairy products. The principal markets are Portland, Oreg., and Sacramento and San Francisco, Calif.

Operation and settlement data, Klamath project

Item	1921	1922	1923	1924	1925
Acreage for which bureau is prepared to supply water:					
Main, Tule Lake, pumping divisions, and Van Brimmer lands.....	51,000	51,000	54,100	53,900	55,200
Langell Valley division.....					13,000
Horsefly irrigation district.....					10,400
Acreage irrigated:					
Main, Tule Lake, pumping divisions, and Van Brimmer lands.....	44,883	44,929	46,624	47,300	42,900
Langell Valley division.....					4,100
Horsefly irrigation district.....					5,900
Miles of canal operated—Main and Tule Lake divisions.....	225	225	277	277	277
Water diverted, exclusive of Langell Valley division and Horsefly irrigation district (acre-feet).....	106,104	119,830	124,137	168,980	137,570
Water delivered to land, exclusive of Langell Valley division and Horsefly irrigation district (acre-feet).....	48,713	49,862	56,619	69,100	54,400
Per acre of land irrigated, exclusive of Langell Valley division and Horsefly irrigation district (acre-feet).....	1.11	1.11	1.21	1.48	1.27
Total number of farms on project:					
Main and Tule Lake divisions.....	412	414	467	485	507
Population.....	1,314	1,300	1,400	1,500	1,680
Balance of project (estimated).....	158	156	133	115	240
Population (estimated).....	486	500	400	400	800
Number of farms irrigated—Main and Tule Lake divisions.....	412	414	467	485	440
Operated by owners or managers.....	353	297	336	356	356
Operated by tenants.....	59	117	131	129	84
Population.....	1,314	1,300	1,400	1,200	1,680
Number of towns.....	5	5	5	5	5
Population.....	5,800	6,200	7,000	7,000	9,020
Total population towns and farms.....	7,600	8,000	8,800	8,900	11,500
Number of public schools.....	22	22	24	24	30
Number of churches.....	10	10	11	13	13
Number of banks.....	5	5	5	5	5
Total capital stock.....	\$545,000	\$255,000	\$350,000	\$355,000	\$355,000
Amount of deposits.....	\$3,500,000	\$3,500,000	\$4,200,000	\$4,500,000	\$5,000,000
Number of depositors.....	8,000	8,000	8,200	8,200	9,500

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$561,000.00
Disbursements.....	\$149,752.53	
Liabilities outstanding.....	11,414.30	
		161,166.83
Unencumbered balance June 30, 1926.....		399,833.17
Fiscal year 1927: Amount specified in appropriation acts.....		140,000.00

¹ Plus unexpended balance of 1926 appropriation.

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$6,090,719.78	\$72,790.02	\$6,163,509.80
Less collections.....	1,723,010.08		1,723,010.08
Net investment June 30, 1926.....	4,367,709.70	72,790.02	4,440,499.72

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$112,701.77	\$4,634,562.58
Supplemental construction.....		545,873.53
Value of works taken over.....		6,705.07
Total construction cost.....	112,701.77	5,187,141.18
Operation and maintenance prior to public notice (net).....	7,236.16	66,019.09
Operation and maintenance deficits and arrearages to be repaid with construction.....		3,712.03
		\$5,256,872.30
Less construction revenues.....	32,922.73	234,046.12
Total to be repaid by water users.....	87,015.20	5,022,826.18
Contracted repayments, water-right contracts:		
Individuals.....	1,679.50	262,382.20
Warren Act.....		458,728.74
Irrigation districts.....	3,456.00	3,024,232.76
Special.....		254,508.40
Total.....	5,135.50	3,999,852.10

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$77,624.51	\$764,210.87	\$70,843.22	\$802,506.12
Operation and maintenance returns:				
Contracted.....	63,774.05	738,874.70	63,605.18	738,690.83
Penalties.....	341.75	3,159.63	151.67	3,255.38
Discounts (contra).....	63.82	4,709.78	114.22	4,760.18
Miscellaneous revenues.....	1,785.91	14,617.81	1,863.17	14,907.01
Subtotals.....	65,837.89	751,942.36	65,505.80	752,093.04
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....		3,712.03		3,712.03
Total.....	65,837.89	755,654.39	65,505.80	755,805.07
Results: Deficit.....	11,786.62	8,556.48	5,337.42	46,701.05

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$65, 172. 06	\$757, 864. 57	\$52, 461. 74	\$713, 806. 69	-----	-----	\$44, 057. 88
Charges paid in advance.....	-----	-----	-----	223. 58	-----	-----	-----
Refunds.....	-----	-----	994. 50	3, 462. 15	-----	-----	-----
Operation and maintenance:							
Water-right charges, project lands (individual contracts, 3,464.4 acres).....	4, 759. 34	25, 856. 99	4, 911. 81	22, 295. 65	\$114. 22	\$537. 17	3, 024. 17
Warren Act lands (9,854.4 approximate acres).....	883. 85	4, 472. 29	1, 074. 55	4, 393. 70	-----	-----	78. 59
Irrigation districts (41,524.3 approximate acres).....	65, 701. 76	654, 380. 55	56, 403. 88	583, 544. 93	-----	29, 816. 96	41, 018. 66
Total.....	71, 344. 95	684, 709. 83	62, 390. 24	610, 234. 28	114. 22	30, 354. 13	44, 121. 42
Penalties and interest.....	151. 67	3, 255. 38	151. 67	3, 255. 38	-----	-----	-----
Charges paid in advance.....	-----	-----	1. 84	44. 59	-----	-----	-----
Refunds.....	-----	-----	-----	60. 75	-----	-----	-----
Miscellaneous:							
Rentals of irrigation water.....	1, 888. 17	54, 593. 56	1, 916. 83	54, 497. 72	-----	-----	95. 84
Rentals power and light.....	175. 75	7, 872. 93	175. 75	7, 872. 93	-----	-----	-----
Rentals grazing and farming lands.....	34, 968. 27	236, 717. 72	34, 134. 85	235, 800. 30	-----	84. 00	833. 42
Construction forfeitures.....	-----	-----	1, 485. 42	6, 573. 82	-----	-----	-----
Penalties and interest:							
Construction.....	-----	-----	742. 89	3, 676. 70	-----	-----	-----
Operation and maintenance.....	-----	-----	1, 172. 73	3, 902. 21	-----	-----	-----
Other.....	-----	-----	4, 832. 77	79, 598. 98	-----	-----	946. 20
Grand total collections.....	-----	-----	160, 461. 23	1, 723, 010. 08	-----	-----	-----

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 5.8 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 6.4 per cent of total accruals.

SOUTH DAKOTA, BELLE FOURCHE PROJECT

The Belle Fourche project is located in western South Dakota, a little north and east of the Black Hills. The climate is semiarid, with an average annual rainfall of about 14 inches; the temperatures range from -38° to 105° F. The character of the soils varies from light sandy loam to heavy clay, the clay soils predominating. The principal products are alfalfa, wheat, oats, corn, potatoes, sugar beets, garden truck, and livestock, the chief markets for which are Omaha, Minneapolis, and Chicago.

Operation and settlement data, Belle Fourche project

	1921	1922	1923	1924	1925
Acreage for which bureau is prepared to supply water.....	83,328	82,190	81,900	81,870	81,870
Acreage irrigated.....	55,100	31,150	30,550	48,400	48,800
Miles of canal operated.....	615	545	506	455	455
Water diverted (acre-feet) from Belle Fourche River.....	86,791	115,629	99,176	101,915	138,897
Water delivered to farms (acre-feet).....	71,715	28,421	22,290	57,923	63,122
Per acre of land irrigated (acre-feet).....	1.3	1.09	0.73	1.20	1.30
Total number of farms on project.....	953	953	953	965	965
Population.....	2,700	2,700	2,700	2,020	1,850
Number of irrigable farms.....	953	953	953	965	965
Owners on farms.....	418	371	320	276	256
Tenants on farms.....	165	169	182	178	178
Neither owners nor tenants on farms.....	370	413	451	511	531
Population.....	2,510	2,213	2,035	2,020	1,850
Number of towns.....	34	34	34	34	34
Population.....	650	726	731	715	715
Total population in towns and on farms.....	3,160	2,939	2,766	2,735	2,565
Number of public schools.....	24	24	25	27	27
Number of churches.....	9	9	9	9	9
Number of banks.....	9	9	6	4	4
Total capital stock.....	\$250,000	\$250,000	\$150,000	\$135,000	\$135,000
Amount of deposits.....	\$2,373,380	\$2,606,200	\$2,145,000	\$2,125,000	\$2,125,000
Number of depositors ⁴		6,500	5,000	6,000	6,000

¹ Resurvey shows 61,587 net area subject to water charges.² Served with water, 824; cropped without irrigation, 22; idle, 119; operated by owners or managers, 371; operated by tenants, 475.³ City of Belle Fourche omitted.⁴ Estimated.*Appropriations*

Fiscal year 1926:		
Congressional authorizations.....		\$165,000.00
Disbursements.....	\$54,959.20	
Liabilities outstanding.....	9,896.44	64,855.64
Unencumbered balance, June 30, 1926.....		100,144.36
Fiscal year 1927: Amount specified in appropriation acts.....		40,000.00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$4,717,703.68	\$37,170.22	\$50,273.32	\$4,805,147.22
Less collections.....	1,143,294.44			1,143,294.44
Net investment, June 30, 1926.....	3,574,409.24	37,170.22	50,273.32	3,661,852.78

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....		\$3,531,454.53
Supplemental construction.....		34,609.88
Total construction cost.....		3,566,124.41
Operation and maintenance prior to public notice (net).....		11,989.03
Operation and maintenance deficits and arrearages to be repaid with construction.....		506,436.99
Less construction revenues.....		\$4,070,572.37
		16,565.35
Total to be repaid by water users.....		4,054,007.02
Contracted repayments: Contract, Belle Fourche Irrigation district.....		4,345,277.42

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$72, 976. 89	\$1, 161, 260. 26	\$72, 370. 57	\$1, 195, 822. 73
Operation and maintenance returns:				
Contracted.....	75, 000. 00	713, 721. 89	75, 000. 00	713, 721. 89
Penalties.....		31, 955. 32		31, 955. 32
Discounts (contra).....		9, 241. 55		9, 241. 55
Miscellaneous revenues.....	2, 211. 74	14, 689. 18	2, 073. 24	15, 900. 13
Subtotals.....	77, 211. 74	751, 124. 84	77, 073. 24	752, 335. 79
Other credits: Operation and maintenance deficits and arrearages to be repaid with con- struction.....		506, 436. 99		506, 436. 99
Total.....	7, 211. 74	1, 257, 561. 83	77, 073. 24	1, 258, 772. 78
Results: Excess.....	4, 234. 85	96, 301. 57	4, 702. 67	62, 950. 05

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$137, 078. 24	\$796, 373. 20	\$7, 108. 57	\$478, 866. 62		\$266. 57	\$317, 240. 01
Charges paid in ad- vance.....			¹ 7, 108. 57	1, 854. 37			
Refunds.....				423. 42			
Operation and mainte- nance:							
Water-right charges, ir- rigation district (71,- 041.25, approximate, acres).....	78, 068. 96	679, 927. 27	57, 425. 90	540, 768. 22		9, 376. 82	129, 782. 23
Penalties and interest.....		31, 955. 32		17, 824. 29	¹ \$1, 029. 06	11, 361. 55	2, 769. 48
Charges paid in ad- vance.....			¹ 13, 709. 31	17, 811. 46			
Refunds.....				384. 97			
Miscellaneous:							
Rentals of irrigation water.....	464. 45	6, 465. 34	464. 45	6, 297. 54		17. 80	150. 00
Rentals, grazing and farming lands.....	369. 17	1, 356. 28	329. 17	1, 214. 68			141. 60
Construction forfei- tures.....				1, 116. 10			
Penalties and interest— Construction.....	5, 916. 84	30, 031. 63	907. 15	18, 847. 88	¹ 313. 95	25. 71	11, 158. 04
Operation and maintenance.....	2, 696. 34	6, 926. 30	527. 49	4, 757. 45			2, 168. 85
Miscellaneous.....	8. 98	8. 98	8. 98	8. 98			
Other.....			1, 050. 81	53, 118. 46			638. 36
Grand total collec- tions.....			47, 004. 64	1, 143, 294. 44			

¹ Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 39.8 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 19.1 per cent of total accruals.

UTAH, STRAWBERRY VALLEY PROJECT

The Strawberry Valley project is located in the north central part of Utah; the irrigable area lies along the southeastern shore of Utah Lake in Utah County and the storage works in Wasatch County, 30 miles east of Springville. The length of the irrigation season is 169 days, from April 15 to September 30. The average elevation of the project lands is about 4,600 feet above sea level. The average rainfall at Payson for a period of 16 years is 18½ inches, most of which

occurs from September 1 to May 1. The climate is temperate, varying from 0° to 95° F. The last killing frost in the spring usually occurs prior to May 10 and the first in the fall after October 1. The soil varies from sandy loam to heavy clay and varying mixtures of both, with black alluvium and loam in the bottom lands. The mesa lands are sandy loam underlain with gravel, so that natural drainage is excellent. The principal crops are wheat, oats, barley, millet, alfalfa, timothy, sugar beets, potatoes, corn, cane, apples, plums, pears, peaches, prunes, apricots, cherries, melons, and all kinds of vegetables. Sugar beets, cereals, and hay constitute the staple crops.

Operation and settlement data, Strawberry Valley project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	53,889	53,889	53,890	53,890	53,890
Acreage irrigated.....	¹ 47,446	¹ 47,446	¹ 47,460	¹ 47,560	¹ 47,772
Miles of canal operated.....	9.3	9.3	9.3	9.3	9.3
Water diverted (acre-feet).....	83,000	79,500	83,800	² 113,750	75,254
Water delivered to land (acre-feet).....	71,200	73,401	79,674	106,203	73,300
Per acre of land irrigated (acre-feet).....	1.50	1.55	1.68	2.23	2.17
Total number of farms on project.....	3,200	3,200	3,113	3,113	3,113
Population.....	7,000	7,000	7,000	7,000	7,000
Number of irrigated farms.....	2,740	2,741	2,741	2,741	2,742
Operated by owners.....	2,340	2,291	2,291	2,300	2,300
Operated by tenants.....	400	450	450	441	442
Population.....	6,500	6,500	6,500	6,500	6,500
Number of towns.....	12	12	12	12	12
Population.....	16,000	16,000	16,000	16,200	16,200
Total population of towns and farms.....	23,000	23,000	23,000	23,200	23,200
Number of public schools.....	22	22	23	24	26
Number of churches.....	23	25	25	26	26
Number of banks.....	6	6	³ 4	5	5
Total capital stock.....	\$285,000	\$285,000	\$210,000	\$235,000	\$235,000
Amount of deposits.....	\$1,750,000	\$1,900,000	⁴ \$1,429,354	\$1,500,000	\$1,750,000
Number of depositors.....	10,000	10,000	⁴ 7,000	7,250	8,350

¹ Project proper, 34,290 acres.

² 36,000 acre-feet of water distributed free and rented for irrigation purposes for replanting and to make up water shortages due to low natural run-off.

³ 2 bank failures during the year.

⁴ Figures do not include 2 banks closed during 1923.

Appropriations

Fiscal year 1926:	
Congressional authorizations.....	\$39,500.00
Disbursements.....	\$37,474.87
Liabilities outstanding.....	521.23
	<hr/> 37,996.10
Unencumbered balance to June 30, 1926.....	1,503.90
Fiscal year 1927: Amount specified in appropriation acts.....	39,000.00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$4,278,727.82	\$440.00	\$34,682.99	\$4,313,850.81
Less collections.....	1,652,796.34			1,652,796.34
Net investment June 30, 1926.....	2,625,931.48	440.00	34,682.99	2,661,054.47

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction.....	\$95. 42	\$3, 499, 734. 22
Operation and maintenance prior to public notice (net).....	¹ 980. 70	11, 131. 20
Operation and maintenance deficits and arrearages to be repaid with construction.....	2, 275. 75	3, 622. 08
Less construction revenues.....	11, 212. 74	\$3, 514, 487. 50 64, 528. 53
Total to be repaid by water users.....	9, 822. 27	3, 449, 958. 97
Contracted repayments, water-right contracts:		
Individuals.....	10, 245. 00	2, 464, 131. 96
Warren Act.....	675. 00	84, 375. 00
Irrigation districts.....		460, 650. 00
Special.....		105, 180. 00
Total.....	10, 920. 00	3, 114, 336. 96

¹ Contra.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$21, 447. 26	\$418, 419. 22	\$21, 586. 14	\$423, 240. 13
Operation and maintenance returns:				
Contracted.....	16, 788. 87	402, 020. 16	17, 153. 87	402, 020. 16
Penalties.....	1, 265. 01	7, 520. 68	1, 428. 53	7, 861. 79
Discounts (contra).....	1, 181. 90	11, 462. 06	1, 212. 99	11, 783. 40
Miscellaneous revenues.....	2, 417. 20	19, 500. 63	2, 361. 16	19, 719. 42
Sub-totals.....	19, 289. 18	417, 579. 41	19, 730. 57	417, 817. 97
Other credits: Operation and maintenance defi- cits and arrearages to be repaid with construc- tion.....	2, 275. 75	3, 622. 08	2, 275. 75	3, 622. 08
Total.....	21, 564. 93	421, 201. 49	22, 006. 32	421, 440. 05
Results:				
Excess.....	117. 67	2, 782. 27	420. 18	6, 800. 08
Deficit.....				

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction: Water-right charges.....	\$167, 825. 17	\$933, 144. 44	\$105, 850. 46	\$662, 488. 64	-----	-----	\$270, 655. 80
Operation and maintenance:							
Water-right charges, project lands (32,286 acres).....	33, 980. 38	341, 133. 55	26, 290. 38	272, 514. 16	\$851. 59	\$9, 999. 67	58, 619. 72
Warren Act lands (5,486 approximate acres).....	2, 039. 32	16, 405. 36	1, 654. 57	14, 467. 59	74. 15	562. 92	1, 374. 85
Irrigation districts (10,000 approximate acres).....	5, 745. 00	44, 481. 25	5, 457. 75	43, 260. 44	287. 25	1, 220. 81	-----
Total.....	² 41, 764. 70	402, 020. 16	33, 402. 70	330, 242. 19	1, 212. 99	11, 783. 40	59, 994. 57
Penalties and interest.....	1, 428. 53	7, 861. 79	1, 074. 92	6, 793. 27	-----	-----	1, 068. 52
Charges paid in advance.....	-----	-----	³ 1. 59	-----	-----	-----	-----
Refunds.....	-----	-----	-----	36. 48	-----	-----	-----
Miscellaneous:							
Rentals of irrigation water.....	2, 702. 00	17, 000. 54	2, 702. 00	17, 000. 54	-----	-----	-----
Rentals, power, and light.....	29, 464. 51	206, 797. 61	29, 957. 97	203, 156. 70	-----	-----	3, 640. 91
Rentals, grazing, and farming lands.....	20, 880. 50	187, 631. 56	20, 880. 50	187, 631. 56	-----	-----	-----
Construction forfeitures.....	-----	-----	-----	278. 75	-----	-----	-----
Construction penalties and interest.....	8, 395. 09	27, 601. 42	6, 670. 67	24, 446. 95	-----	-----	3, 154. 47
Other.....	-----	-----	15. 13	220, 721. 26	-----	-----	-----
Grand total collections.....	-----	-----	200, 552. 76	1, 652, 796. 34	-----	-----	-----

¹ Actual construction accruals for year..... \$177, 163. 67
 Deferred under sec. 2, act of May 9, 1924..... 9, 338. 50

Net accruals..... 167, 825. 17

² Actual operation and maintenance accruals for year..... \$44, 040. 45
 Deferred under sec. 2, act of May 9, 1924..... 2, 275. 75

Net accruals..... 41, 764. 70

³ Contra.....

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 29 per cent of total accruals.
 Uncollected operation and maintenance charges as of June 30, 1926, 14.9 per cent of total accruals.

WASHINGTON, OKANOGAN PROJECT

The Okanogan project is located in Okanogan County, Wash., on a branch of the Great Northern Railway running from Wenatchee to Oroville, Wash. The length of the irrigation season is 153 days from May 1 to September 30. The average elevation of the project is 1,000 feet above sea level; the average rainfall is about 11.5 inches; the temperature ranges from 108° to -10° F. The soil is volcanic ash and gravel on the upper benches and sand and gravel on the lowlands along the Okanogan River. The principal crop of the project is apples, with some peaches, pears, small fruits, hay, and vegetables. The principal markets are the States east.

Operation and settlement data, Okanogan project

Item	1921	1922	1923	1924	1925
Acreage for which the bureau was prepared to supply water.....	8,200	7,676	7,600	7,500	7,500
Acreage irrigated.....	5,644	5,569	5,162	4,940	4,976
Miles of canal operated.....	67	69	69	70	70
Water diverted (acre-feet).....	21,886	21,318	20,488	13,584	15,567
Water delivered to land (acre-feet).....	16,631	16,295	13,634	8,882	10,962
Per acre of land irrigated (acre-feet).....	2.95	2.75	2.64	1.80	2.21
Total number of farms on project.....	594	473	510	510	510
Population.....	1,220	1,363	1,430	1,261	1,267
Number of irrigated farms.....	439	447	458	453	463
Operated by owners or managers.....	388	390	399	404	411
Operated by tenants.....	51	57	59	49	52
Population.....	1,220	1,363	1,430	1,261	1,267
Number of towns.....	3	3	3	3	3
Population.....	2,150	2,300	2,600	3,000	3,000
Total population in towns and on farms.....	3,370	3,663	4,030	4,261	4,267
Number of public schools.....	6	6	7	7	6
Number of churches.....	8	8	8	9	9
Number of banks.....	5	5	5	4	4
Total capital stock.....	\$155,000	\$155,000	\$155,000	\$140,000	\$140,000
Amount of deposits.....	\$1,043,000	\$956,000	\$1,000,000	\$1,226,000	\$1,358,000
Number of depositors.....	2,200	2,250	2,350	2,400	2,400

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$79,500.00
Disbursement.....	\$69,578.12	
Liabilities outstanding.....	6,660.14	
		76,238.26
Unencumbered balance June 30, 1926.....		3,261.74
Fiscal year 1927: Amount specified in appropriation acts.....		65,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$1,989,134.37	\$47,767.18	\$2,036,901.55
Less collections.....	561,398.92		561,398.92
Net investment June 30, 1926.....	1,427,735.45	47,767.18	1,475,502.63

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....		\$841,536.61
Supplemental construction.....	¹ \$1,080.82	618,954.25
Total construction cost.....	¹ 1,080.82	\$1,460,490.86
Operation and maintenance prior to public notice (net).....		¹ 47,766.87
Operation and maintenance deficits and arrearages to be repaid with construction.....	15,447.58	25,194.37
Less construction revenues.....	359.17	1,437,918.36
Total to be repaid by water users.....	14,007.59	6,257.80
Contracted repayments:		
Water-right contracts (individuals).....	¹ 120.00	1,431,660.56
Contract-Okanogan irrigation district.....	15,567.58	3,275.00
		1,510,012.87
		1,513,287.87

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$71,068.62	\$523,746.21	\$74,483.58	\$552,246.27
Operation and maintenance returns:				
Contracted.....	55,459.92	414,430.28	58,959.92	417,930.28
Penalties.....	3,842.57	13,280.81	5,774.94	17,422.26
Discounts (contra).....	5.70	370.73	11.70	376.73
Miscellaneous revenues.....	2,040.12	70,159.95	868.27	69,358.10
Subtotals.....	61,336.91	497,500.31	65,591.43	504,333.91
Other credits: Operation and maintenance deficits and arrearages to be repaid with con- struction.....	15,447.58	25,194.37	15,447.58	25,194.37
Total.....	76,784.49	522,694.68	81,039.01	529,528.28
Results:				
Excess.....	5,715.87		6,555.43	
Deficit.....		1,051.53		22,717.90

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30 1926
	Fiscal year	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	\$24,003.56	\$105,665.01	\$8,738.82	\$73,553.22			\$32,111.79
Charges paid in advance.....				128.06			
Refunds.....				75.20			
Operation and maintenance:							
Water-right charges, project lands (41 acres).....	307.50	1,474.00	262.50	1,264.07	\$11.70	\$23.93	186.00
Irrigation districts (6,672 acres)	65,816.00	384,156.28	40,905.71	308,305.23		2,608.38	73,242.67
Total.....	66,123.50	385,630.28	41,168.21	309,569.30	11.70	2,632.31	73,428.67
Penalties and interest.....	5,774.94	17,422.26	5,774.94	16,843.90		578.36	
Refunds.....			5.70	58.20			
Miscellaneous:							
Rentals of irrigation water.....	356.40	109,970.88	726.40	107,386.69		2,584.19	
Rentals of power and light.....		1,754.71		1,754.71			
Rentals of grazing and farm- ing lands.....	9.00	865.50	9.00	865.50			
Construction forfeitures.....				97.50			
Construction penalties and interest.....	3,782.64	6,523.72	3,782.64	6,523.72			
Other.....			1,523.11	44,542.92			2,417.69
Grand total collections.....			61,728.82	561,398.92			

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 30.4 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 19.04 per cent of total accruals.

WASHINGTON, YAKIMA PROJECT

The Yakima project, comprising the Sunnyside, Tieton, Kittitas, Moxee, Roza, and Kennewick divisions, is located in Kittitas, Yakima, and Benton Counties, Wash. The irrigation season on the Sunnyside division extends from April 1 to October 31 (214 days), and on the Tieton from April 20 to September 30 (164 days). The water duty on the Sunnyside division is 3 acre-feet per acre, and on the Tieton division 2.4 acre-feet per acre. The soil is volcanic ash, sandy loam, and decomposed basalt. The principal products are alfalfa, apples, pears, peaches, grains, potatoes, sugar beets, hops, stock, and dairy products.

Operation and settlement data, Sunnyside division, Yakima project

Item	1921	1922	1923	1924	1925
Acreage for which bureau was prepared to supply water.....	101,509	101,339	101,329	102,350	102,335
Acreage irrigated.....	94,500	95,000	95,000	95,000	95,000
Miles of canal operated.....	605	605	605	605	605
Water diverted (acre-feet).....	440,348	421,950	432,963	446,160	554,986
Water delivered to land (acre-feet).....	309,709	301,838	313,800	321,495	334,805
Per acre of land irrigated (acre-feet).....	3.28	3.18	3.30	3.38	3.52
Total number of farms on project.....	3,065	3,138	3,181	3,391	3,326
Population.....	12,080	12,332	10,128	9,617	10,206
Number of irrigated farms.....	3,065	3,138	3,181	3,391	3,326
Operated by owners or managers.....	2,322	2,375	2,157	2,287	2,280
Operated by tenants.....	743	763	1,024	1,104	1,046
Population.....	12,080	12,332	10,128	9,617	10,206
Number of towns.....	11	11	11	11	11
Population.....	6,941	7,250	7,250	7,410	7,525
Total population of towns and farms.....	19,021	19,582	17,378	17,027	17,731
Number of public schools.....	41	41	41	41	41
Number of churches.....	30	30	30	30	30
Number of banks.....	13	12	12	10	9
Total capital stock.....	\$397,000	\$367,000	\$360,000	\$285,000	\$260,000
Amount of deposits.....	\$2,914,608	\$2,615,415	\$2,281,606	\$2,377,944	\$2,751,693
Total number of depositors.....	11,643	10,556	9,348	9,239	8,997

Operation and settlement data, Tieton division, Yakima project

Item	1921	1922	1923	1924	1925
Acreage for which bureau prepared to supply water.....	32,000	32,000	32,000	32,000	32,000
Acreage irrigated.....	28,500	28,700	28,550	27,970	27,650
Miles of canal operated.....	335	335	335	335	335
Water diverted (acre-feet).....	100,844	93,754	96,541	95,001	96,900
Water served to land (acre-feet).....	71,148	71,105	72,182	73,870	70,196
Per acre of land irrigated (acre-feet).....	2.50	2.48	2.55	2.64	2.54
Total number of farms on project.....	1,480	1,480	1,480	1,480	1,400
Population.....	3,457	3,542	3,453	3,480	3,490
Number of irrigated farms.....	1,300	1,300	1,305	1,300	1,320
Operated by owners or managers.....	1,010	965	875	850	910
Operated by tenants.....	290	335	430	450	410
Population.....	3,457	3,542	3,453	3,480	3,490
Number of towns.....	8	8	8	8	8
Population.....	23,000	23,000	23,000	23,000	25,700
Total population of towns and farms.....	26,457	26,542	26,453	26,480	29,190
Number of public schools.....	10	10	10	10	10
Number of churches.....	4	4	4	4	4

Operation and settlement data, Kittitas division, Yakima project

	1925		1925
Total number of farms on project.....	355	Number of churches.....	16
Population.....	1,065	Number of banks.....	6
Number of towns.....	5	Total capital stock.....	\$375,000
Population.....	8,100	Amount of deposits.....	\$4,446,000
Total population of towns and farms.....	9,165	Total number of depositors.....	10,300
Number of public schools.....	25		

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$305,000.00
Disbursements.....		\$277,964.58
Liabilities outstanding.....		15,580.42
		293,545.00
Unencumbered balance June 30, 1926.....		11,455.00
Fiscal year 1927: Amount specified in appropriation acts.....		294,000.00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$17,677,765.34	\$71,999.46	\$286,734.74	\$18,036,499.54
Less collections.....	8,083,976.56			8,083,976.56
Net investment June 30, 1926.....	9,593,788.78	71,999.46	286,734.74	9,952,522.98

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	^{1,2} \$41,362.84	\$14,217,069.62
Value of works taken over.....		37,092.41
Supplemental construction.....	9,848.23	145,779.69
Construction penalties funded.....	5,661.33	5,661.33
Total construction cost.....	25,853.28	14,405,603.05
Operation and maintenance prior to public notice (net) credit.....		¹ 63,957.96
Operation and maintenance deficits and arrearages to be repaid with construction.....		77,238.54
		\$14,418,883.63
Less:		
Contributed funds.....	¹ 1,000.00	62,736.50
Construction revenues.....	9,320.41	271,234.54
		333,971.04
Total to be repaid by water users.....	¹ 34,173.69	14,084,912.59
Contracted repayments, water-right contracts:		
Individuals.....		3,434,540.91
Warren Act.....	1,701,606.58	3,881,293.95
Irrigation districts.....	1,454.48	2,024,929.80
Special.....		2,279,600.00
Total.....	1,703,061.06	11,620,364.66

¹ Contra.² \$48,789.74 transferred to Kittitas division. Actual cost for year, \$7,426.90.*Operation and maintenance account*

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$258,204.57	\$3,032,041.57	\$256,695.31	\$3,165,507.56
Operation and maintenance returns:				
Contracted.....	247,700.37	2,904,365.56	248,340.51	2,971,927.13
Penalties.....	12,222.88	51,993.22	12,505.63	57,332.56
Discounts (contra).....	3,697.41	36,626.61	3,653.02	39,026.46
Miscellaneous revenues.....	6,879.95	100,945.95	7,612.61	106,215.78
Subtotal.....	263,105.79	3,020,678.12	264,805.73	3,096,449.01
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....	125.54	77,238.54		77,238.54
Total.....	263,231.33	3,097,916.66	264,805.73	3,173,687.55
Results: Excess.....	5,026.76	65,875.09	8,110.42	8,179.99

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water right charges.....	¹ \$369,757.73	\$4,442,730.90	\$439,664.85	\$4,141,019.30	-----	\$36,047.07	\$265,664.53
Contributed funds.....	² 1,000.00	62,736.50	² 1,000.00	62,736.50	-----	-----	-----
Total.....	368,757.73	4,505,467.40	438,664.85	4,203,755.80	-----	36,047.07	265,664.53
Charges paid in advance.....	-----	-----	5,032.66	8,989.02	-----	-----	-----
Refunds.....	-----	-----	-----	2,833.62	-----	-----	-----
Operation and maintenance:							
Water right charges project lands (31,996 acres).....	76,762.47	912,963.18	83,635.40	832,563.05	\$1,831.63	20,890.11	59,510.02
Warren Act lands (123,660.88 approximate acres).....	28,646.10	202,957.31	32,160.15	192,840.59	13.56	35.94	9,080.78
Irrigation districts (67,534.84 approximate acres).....	125,926.50	1,700,467.36	138,985.13	1,588,499.55	1,807.83	19,145.75	92,822.06
Other lands (84,610.87 approximate acres).....	17,005.44	155,539.28	16,145.44	150,839.28	-----	-----	5,700.00
Total.....	248,340.51	2,971,927.13	270,926.12	2,764,742.47	3,653.02	40,071.80	167,112.86
Penalties and interest.....	12,505.63	57,332.56	9,350.84	53,770.54	-----	-----	3,562.02
Charges paid in advance.....	-----	-----	-----	101.14	-----	-----	-----
Refunds.....	-----	-----	-----	1,045.65	-----	-----	-----
Miscellaneous:							
Rentals of irrigation water.....	4,100.34	151,467.50	4,683.74	150,624.44	-----	-----	843.06
Rentals of power and light.....	-----	3,635.33	-----	3,635.33	-----	-----	-----
Rentals of farming and grazing lands.....	2,099.55	27,131.24	2,150.75	26,971.24	-----	-----	160.00
Construction forfeitures.....	-----	-----	-----	1,057.62	-----	-----	-----
Penalties and interest.....	40,169.94	113,459.98	28,776.35	102,066.39	5,661.33	5,661.33	5,732.26
Other.....	-----	-----	41,503.96	764,383.30	-----	-----	993.94
Grand total collections.....	-----	-----	801,089.27	8,083,976.56	-----	-----	-----

¹ Includes \$29,294.74 construction charges not due until July 1, 1926.² Contra.

NOTE.—Uncollected construction water-right charges as of June 30, 1923, 6.0 per cent of total accruals. Uncollected operation and maintenance charges as of June 30, 1926, 5.6 per cent of total accruals.

KITTITAS DIVISION, YAKIMA PROJECT, WASHINGTON

Appropriations

Fiscal year 1926:		
Congressional authorizations.....	-----	\$2,750,000.00
Disbursements.....	\$36,654.10	
Liabilities outstanding.....	6,713.82	
	-----	43,367.92
Unencumbered balance June 30, 1926.....	-----	2,706,632.08
Fiscal year 1927: Amount specified in appropriation acts.....	-----	(1)

¹ The unexpended balances of certain 1926 appropriations.

Voucher transactions

	Reclamation fund	General investigations, 1923-24	Total
Disbursements and net transfers.....	\$147,773.78	\$34,110.70	\$181,884.48
Less collections.....	31,002.84		31,002.84
Net investment June 30, 1926.....	116,770.94	34,110.70	150,881.64

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works: Original construction	¹ \$148,444.19	\$148,444.19
Less:		
Contributed funds	² 1,000.00	\$1,000.00
Construction revenues	17.50	17.50
		1,017.50
Total to be repaid by water users	147,426.69	147,426.69
Contracted repayments, water-right contract: Kittitas reclamation district.....	9,000,000.00	9,000,000.00

¹ \$48,789.74 transferred from Yakima and \$52,292.99 from secondary and general investigations. Actual cost for fiscal year, \$47,361.46.

² Transferred from Yakima. No transactions during fiscal year.

Status of current accounts receivable as of June 30, 1926

	Due		Collected (cash)		Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Rentals of grazing and farming lands	¹ \$7,344.42	\$7,344.42	¹ \$7,344.42	\$7,344.42	
Other.....			23,658.42	23,658.42	
Grand total collections.....			31,002.84	31,002.84	

¹ Transferred from secondary project accounts.

WYOMING, RIVERTON PROJECT

The Riverton project lies in Fremont County, Wyo., northeast of Wind River and west of the Big Horn River. The irrigation season is from May 1 to September 30. The average altitude is 5,200 feet; the average annual rainfall is about 8 inches; the average maximum temperature is about 95° F.; and the average minimum temperature -27° F. The soil is a heavy loam. The principal products are alfalfa, cereals, sugar beets, and potatoes; and the principal markets, Omaha, Denver, and local.

Operation and settlement data, Riverton project, 1925

Acreage which bureau is prepared to furnish water.....	1,600	Number of towns.....	3
Acreage irrigated.....	80	Population.....	¹ 2,300
Miles of canal operated.....	12	Total population of towns and farms	¹ 2,301
Water diverted (acre-feet).....	230	Number of public schools.....	3
Water delivered to land (acre-feet).....	212	Number of churches.....	8
Total number of farms on project.....	1	Number of banks.....	3
Population.....	1	Total capital stock.....	\$100,000
Number of irrigated farms.....	1	Amount of deposits.....	¹ \$650,000
Operated by owner or manager.....	1	Number of depositors.....	¹ 2,600
Population.....	1		

¹ Estimated.

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$755,000.00
Disbursements.....	\$539,344.72	
Liabilities outstanding.....	61,275.24	
		600,619.96
Unencumbered balance due June 30, 1926.....		154,380.04
Fiscal year 1927: Amount specified in appropriation acts.....		50,000.00

Voucher transactions

	Reclama- tion fund	Wind River ceded lands (Indian)	Increase of com- pensation (net)	Total
Disbursements and net transfers.....	\$3,022,659.37	\$359,176.04	\$45,271.60	\$3,427,107.01
Less collections.....	77,901.92			77,901.92
Net investment June 30, 1926.....	2,944,757.45	359,176.04	45,271.60	3,349,205.09

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works, original construction.....	\$534,174.10	\$2,808,406.27
Operation and maintenance prior to public notice (net).....	282.59	20.84
		\$2,808,427.11
Less construction revenues.....	1,438.24	6,094.69
Total to be repaid by water users.....	535,894.93	2,802,332.42

¹ Contra.*Status of current accounts receivable as of June 30, 1926*

	Due		Collected (cash)		Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Miscellaneous:					
Rentals of irrigation water.....	\$413.00	\$674.75	\$413.00	\$674.75	
Rentals, power and light.....	10,861.87	14,788.78	11,057.76	14,058.55	\$730.23
Other.....			14,067.21	63,168.62	2,039.72
Grand total collections.....			25,537.97	77,901.92	

WYOMING, SHOSHONE PROJECT

The Shoshone project is located principally in Park and Big Horn Counties, Wyo., with a small area in Carbon County, Mont. The developed portions of the project consist of the Garland division, irrigable area 42,000 acres, and the Frannie division, 20,000 acres under constructed works, undeveloped 8,000 acres. The Willwood division, with an area of 15,600 acres, is under construction. The annual rainfall for the Garland division has averaged 5.33 inches for the past 18 years. and for the Frannie division 4.99 inches over a period of 10 years. The average elevation of the project lands is 4,500 feet above sea level. Temperature records over a period of 18 years for the Garland division show an average annual maximum of 96.9° F. and an average annual minimum of -23.1° F.; for the Frannie division corresponding figures over a 10-year period are 101.5° F. and -27.8° F. The principal agricultural products are alfalfa, wheat, oats, potatoes, sugar beets, beans, and seed peas. The principal markets are Billings and Butte, Mont.; Casper, Wyo.; Omaha, Nebr.; and Kansas City, Mo.

Operation and settlement data, Shoshone project

Item	1921	1922	1923	1924	1925
Acreage for which bureau is prepared to furnish water.	65, 826	71, 223	70, 350	63, 240	62, 000
Acreage irrigated	45, 420	42, 870	38, 650	36, 510	36, 700
Miles of canal operated	460	457	452	450	448
Water diverted (acre-feet)	221, 419	192, 851	176, 198	175, 873	194, 422
Water delivered to land (acre-feet)	112, 324	99, 170	91, 082	89, 036	96, 207
Per acre of land irrigated (acre-feet)	2. 47	2. 33	2. 36	2. 44	2. 62
Total number of farms on project	1, 005	1, 083	1, 071	1, 071	1, 056
Population	2, 686	2, 444	2, 025	1, 969	1, 997
Number of irrigated farms	935	914	838	820	816
Operated by owners or managers	646	696	426	584	405
Operated by tenants	289	218	412	236	411
Population	2, 686	2, 444	2, 025	1, 969	1, 997
Number of towns	5	5	5	5	5
Population	1, 541	1, 585	1, 705	1, 400	1, 258
Total population of towns and farms	4, 227	4, 029	3, 730	3, 369	3, 255
Number of public schools	7	7	7	7	7
Number of churches	8	8	8	8	8
Number of banks	5	4	3	3	3
Total capital stock	\$110, 000	\$100, 000	\$85, 000	\$85, 000	\$85, 000
Amount of deposits	\$543, 000	\$411, 000	\$466, 000	\$366, 000	\$481, 000
Number of depositors	2, 400	2, 400	2, 300	1, 473	2, 100

¹ Does not include Powell National Bank salvage fund of \$85,000 nor its depositors.

Appropriations

Fiscal year 1926:

Congressional authorizations	\$380, 000. 00
Disbursements	\$124, 999. 56
Liabilities outstanding	11, 372. 82

Unencumbered balance June 30, 1926..... 136, 372. 38

Fiscal year 1927: Amount specified in appropriation acts..... 243, 627. 62

278, 000. 00

Voucher transactions

	Reclamation fund	Judgments, Court of Claims	Increase of compensation (net)	Total
Disbursements and net transfers	\$9, 853, 714. 20	\$322, 164. 67	\$164, 135. 50	\$10, 340, 014. 37
Less collections	1, 485, 373. 55			1, 485, 373. 55
Net investment June 30, 1926	8, 368, 340. 65	322, 164. 67	164, 135. 50	8, 854, 640. 82

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction	\$93, 729. 78	\$7, 672, 717. 37
Supplemental construction	21, 641. 88	1, 671, 541. 13
Total construction cost	115, 371. 66	\$9, 344, 258. 50
Operation and maintenance prior to public notice (net)		21, 398. 67
Operation and maintenance deficits and arrearages to be repaid with construction	¹ 1, 921. 16	42, 985. 87
		9, 408, 643. 04
Less:		
Contributed funds		1, 900. 00
Construction revenues	39, 152. 08	122, 852. 49
		124, 752. 49
Total to be repaid by water users	74, 298. 42	9, 283, 890. 55
Contracted repayments: Water-right contracts (individuals)	¹ 604, 241. 41	5, 161, 608. 30

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$61,381.07	\$776,889.00	\$57,066.26	\$811,548.84
Operation and maintenance returns:				
Contracted.....	27,035.31	698,554.18	22,258.56	691,188.73
Penalties.....	16,785.97	27,370.35	16,656.79	28,036.72
Discounts (contra).....	567.37	11,212.07	388.24	11,065.98
Miscellaneous revenues.....	8,937.14	32,087.36	9,041.82	37,428.46
Subtotals.....	52,191.05	746,799.82	47,568.93	745,587.93
Other credits: Operation and maintenance deficits and arrearages to be repaid with construction.....	¹ 1,747.99	43,159.04	¹ 1,921.16	42,985.87
Total.....	50,443.06	789,958.86	45,647.77	788,573.80
Results:				
Excess.....		13,069.86		
Deficit.....	10,938.01		11,418.49	22,975.04

¹ Contra.*Status of current accounts receivable as of June 30, 1926*

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Water-right charges.....	¹ \$78,698.69	\$1,045,710.14	\$10,306.19	\$639,263.11	\$103.92	\$2,528.58	\$403,918.45
Contributed funds.....		1,900.00		1,900.00			
Total.....	78,698.69	1,047,610.14	10,306.19	641,163.11	103.92	2,528.58	403,918.45
Charges paid in ad- vance.....			² 358.06	226.93			
Refunds.....			15,959.15	20,483.78			
Operation and mainte- nance:							
Water-right charges, project lands (57,333.61 acres).....	³ 22,258.56	691,188.73	32,717.42	471,810.67	559.91	20,261.26	199,116.80
Penalties and interest.....	16,656.79	28,036.72	1,756.16	10,483.43	32.41	2,685.07	14,868.22
Charges paid in ad- vance.....			² 36.37	325.12	² 11.08	16.53	
Refunds.....				1,078.90		156.69	
Miscellaneous:							
Rentals of irrigation water.....	8,539.98	33,967.67	8,088.92	33,247.92		55.92	663.83
Rentals, power and light.....	11,660.63	35,750.88	11,316.11	34,645.38		16.00	1,089.50
Rentals, grazing and farming lands.....	1,038.80	11,666.91	1,038.80	11,435.91			231.00
Construction forfei- tures.....			7,359.26	17,190.54			
Construction penalties and interest.....	30,168.84	40,067.81	5,875.35	15,774.32			24,293.49
Other.....			7,858.90	227,507.54			3,455.52
Grand total collec- tions.....			101,881.83	1,485,373.55			

¹ Actual construction accruals for year..... \$116,609.61
Reduction due to relief and cancellations..... 37,910.92

Net accruals..... 78,698.69

² Contra.
³ Actual operation and maintenance accruals for year..... 49,796.99
Reduction due to relief and cancellations..... 27,538.43

Net accruals..... 22,258.56

NOTE.—Uncollected construction water-right charges as of June 30, 1926, 38.6 per cent of total accruals.
Uncollected operation and maintenance charges as of June 30, 1926, 28.8 per cent of total accruals.

SECONDARY INVESTIGATIONS

Funds for the investigation of prospective projects and kindred work are derived from appropriations by Congress, from contributions by States and other organizations for expenditure by and through the Bureau of Reclamation, and by direct payment by States to personnel operating under the direction of the bureau. In addition, much work is often done by other agencies independent of the bureau with expenditures not reported. Federal funds for the work in the past year were from the acts of June 5, 1924, December 5, 1924, and March 3, 1925. A special fund of \$10,000 was also appropriated by act of March 3, 1925, for investigation of the eastern tributaries of Milk River in Montana. The total cost of investigations during the past year was approximately \$116,000, of which about \$74,000 was provided by the United States. Details of costs will be found in the financial section.

ARIZONA

COLORADO RIVER

The work on this investigation has been limited to participation by the bureau with the Federal Power Commission and others in the operation and maintenance of the Bright Angel gaging station on Colorado River.

A draft of a bill introduced in the Senate and House of Representatives providing for the development of the Lower Colorado River Basin was submitted to the Secretary of the Interior, and after extensive hearings a bill conforming in all particulars to his recommendations has been favorably reported in the Senate. As a result of this the Secretary, accompanied by the Commissioner of Reclamation, visited the Boulder Canyon during the latter part of April, 1926. Investigations have been resumed to gather additional data on the extension of irrigation in the Lower Colorado River Basin.

CALIFORNIA

SACRAMENTO VALLEY INVESTIGATIONS

The investigation was continued under contract of January 26, 1924, with the State of California Department of Public Works and the Sacramento Valley Development Association.

Iron Canyon project.—Field work was completed early in the year and draft of report prepared. This report is now under review and will be completed in the near future.

Salt water barrier.—Drilling was completed at the San Pablo dam site, the last to be tested. Numerous observations were made of tidal velocities and levels, and salinity was determined under varying conditions in the tidal area for a study of the hydraulics of the bay and the lower river systems of Sacramento and San Joaquin Rivers. Shipping density and character were determined by investigation of available data and by independent observations. A board of engineers was convened in January, 1926, for determination of the general plans to be given further consideration. Designs and estimates are under preparation of 16 alternative plans for a dam, at the Army Point, Benicia, Dillon Point, and Point San Pablo sites, the variations involving principally different types of bridges and varying provisions for shipping.

By a contract dated March 16, 1926, the California Development Association contributed \$4,457 to offset an additional \$1,600 supplied by the United States for continuation of the investigations. The report will probably be completed early in the next fiscal year.

DEER-BUTTE CREEK INVESTIGATIONS (CHICO PROJECT)

Surveys of the distribution system were completed and designs and estimates of the reservoir dams prepared in the Denver office. A report was made in November, 1925, and with a revision of project costs by a board of review,

approved by the commissioner. A project with storage at Butte Creek Reservoir site, with an irrigable area of 30,000 acres, is estimated to cost \$179 per acre without monetary allowance for use of waters brought to Butte Creek from North Fork of Feather River by a power company for power purposes. With storage at Deer Creek Meadows a project of 25,000 acres would cost \$126 per acre, while a supplemental storage supply would be furnished 8,000 acres of developed lands at an estimated cost for storage alone of \$20 per acre. Material modification of these costs might result when the prior rights to water are fully established, the lack of adjudications and confusion of water rights from the uncertainties of riparian rights not permitting an exact determination of water supply under existing conditions.

COLORADO

HUERFANO PROJECT

At the request of owners of lands under canals diverting from Huerfano River in the lower 20 miles of its course, a reconnaissance was undertaken to determine the feasibility of providing storage for a supplementary water supply. A report was made on April 28, 1926. The most feasible storage site is located on Huerfano River a short distance above the mouth of Cucharas River; where a reservoir with a capacity of 13,000 acre-feet is estimated to cost \$400,000. Meager run-off records make it impossible at this time to prepare a reasonably accurate estimate of proper reservoir capacity and probable yield. The demand for water by first-class lands under existing canals with insufficient water supply far exceeds the supply that could be obtained from this reservoir.

CADDOA RESERVOIR SITE

Upon request of the State Engineer of Colorado for a topographic survey of this site, a rough estimate of probable cost and water yield was prepared to determine the desirability of such survey. The site is located on Arkansas River just below Las Animas. The conclusions reached and forwarded by letter of May 9, 1926, to the commissioner were to the effect that probable cost of storage would be fully \$80 per acre-foot of yield and that the value of irrigation water did not justify such a cost for construction nor further surveys at this time.

JOSEPHINE BASIN PROJECT

By extending the Miller Creek Ditch, diverting from White River, about 12 miles above Meeker, Colo., an irrigable area of 3,000 acres would be covered on the southerly side of White River beginning 2 miles below Meeker. Construction cost for enlargement and extension of the present canal, together with laterals and drainage, is estimated at \$143 per acre. At the present time improved irrigated lands in the vicinity are selling at \$100 to \$125 per acre. A report on this project was dated August, 1925.

IDAHO

DUBOIS PROJECT

During the spring freshet season of 1926, measurements were made of Sheridan, Willow, Icehouse, and Hotel Creeks for the determination of stream flow that might be diverted from Shotgun Valley to Camas Creek. Estimates of construction cost for this plan and for diversions from Henry Fork and South Fork of Snake River for the irrigation of lands west for Dubois were in progress. Difficult country must be traversed with any canal lines that can supply these lands, requiring heavy expenditures for a location survey and a detailed report. A report covering the work done in recent years will be completed soon.

GOODING PROJECT

On June 16, 1925, contract was executed with the Big Wood Canal Co. for a cooperative investigation of the project by the United States, the company furnishing \$1,000 toward the cost, with liability of the United States limited to \$10,000. The final cost was \$6,749. A preliminary report on the engineering and economic phases of this project was made on November 25, 1925.

The irrigable lands comprise 46,664 acres in the Idaho Irrigation Co. project now receiving a partial supply from Big Wood and Little Wood Rivers, and 36,500 acres of dry lands. The former lie north and west of Shoshone, Idaho, and with the construction of this project would be divested of their present water supply in order to provide a better supply for higher lands similarly situated. The new lands lie south of Shoshone, Idaho, and adjacent to the North Side Twin Falls project. Diversion would be made at Milner dam on Snake River of unappropriated waters of that stream and of American Falls storage waters to be purchased. Construction cost, including purchase of storage, is estimated at \$84 per acre for the new lands and \$62 per acre for the old lands.

While construction would not be difficult, the canal system, as well as all of the irrigable lands, are in a lava country and final estimates of cost and irrigable area would require several times the amount expended in this investigation.

NEELEY PROJECT

Investigation of the feasibility of irrigating 1,500 to 2,000 acres of land south-east of and adjacent to the American Falls dam has been undertaken at the request of the American Falls Chamber of Commerce and other interested parties with funds from bureau appropriations. The landowners have already paid for the installation of an outlet from the reservoir to provide an irrigation supply for these lands. Detailed topography has been obtained of the lands and estimates of construction cost are under preparation. Water will have to be pumped approximately 135 feet.

EMPIRE IRRIGATION DISTRICT

At the initiation of the construction of American Falls Reservoir, the Empire irrigation district subscribed for 110,000 acre-feet of storage, but failed to make the payments contracted. A brief examination of this project was made, with report thereon on September 19, 1925.

The district comprises about 43,000 acres of irrigable land around Bancroft and Soda Springs, Idaho, which it is proposed to irrigate largely by diversions from Blackfoot River above and below the Blackfoot Reservoir. From this examination it was concluded that the construction cost of the system would be very materially in excess of anticipated costs at the time the district was organized. In view of the lack of interest in construction, the subscription for storage has been canceled for nonpayment of charges due.

BOISE PROJECT—PAYETTE DIVISION

This division comprises lands formerly in the Black Canyon division and not now irrigated by the Notus Canal. Further investigation of the proposed Little Payette Lake Reservoir site led to the conclusion that it is not adapted to an increase in capacity over that being provided by the Lakefork irrigation district. A report on all known reservoir sites usable for the Payette division was made in January, 1926. Topographic mapping of Payette division lands was resumed and classification thereof by 40-acre tracts commenced with completion of both anticipated early in the coming year.

MONTANA

EASTERN TRIBUTARIES OF MILK RIVER

Irrigation possibilities of each stream crossing the Canadian boundary were investigated, data for lands in the United States being obtained from past investigations by the United States and private parties and from additional brief surveys. Data on Canadian possibilities were supplied by Canadian irrigation officials. The conclusions from this investigation were that the present equal division of the individual streams should, in general, be maintained with allotment of the higher flood flows of Battle, Whitewater, and Rock Creeks to the United States and of Frenchman Creek to Canada. A conference at Calgary, Canada, on April 2 and 3, 1926, with Canadian irrigation officials, indicated that the proposed division of waters was not satisfactory to them, while a counter proposal by the Canadians was found to be unsuited to the requirements of United States irrigation. With this conference all work was suspended.

FLATHEAD PROJECT POWER DEVELOPMENT

At the request and expense of the Indian Bureau, now operating the Flathead project, a study was made of the utilization of the uncompleted Newell tunnel, 4½ miles below Flathead Lake on Flathead River, for power production. Plans and estimates were prepared and submitted in November, 1925, for development with and without a low diversion dam at the head of the tunnel and in each case without storage regulation of Flathead Lake.

NEW MEXICO

PECOS RIVER INVESTIGATIONS

Hydrometric surveys.—Measurements of stream flow of the Pecos River from Guadalupe to Acme were continued under contract with the State of New Mexico, dated May 18, 1925, to the end of November. A report was submitted on June 5, 1926. As the result of inspection of the stream bed and banks in the section named and a study of the stream flow records, it was concluded that seepage losses from Pecos River between the Alamogordo Reservoir site and Acme are negligible and that the total loss can be accounted for by evaporation. There are no indications of leakage from the channel, as is occurring from McMillan Reservoir through soluble gypsum and cavernous limestone foundations.

No. 3 reservoir site.—Contract between the United States and the Pecos Water Users' Association was entered into on June 27, 1925, for a cooperative financing of a geological investigation of the No. 3 reservoir site by the Geological Survey, with funds to be supplied equally by the two parties to the contract. Four test wells were drilled, under instructions from the Geological Survey, to an aggregate depth of 590 feet, and tested for water leakage and inflow. The entire vicinity was geologized with report of O. E. Meinzer, B. C. Rennick, and K. Bryan, dated January, 1926. The conclusions reached by these geologists were that the risk of leakage from the No. 3 reservoir site is too great to warrant the construction of a dam to impound waters to a sufficient level for material storage capacity and that this reservoir site should not receive further consideration.

On May 10, 1926, a contract was executed between the United States, the Pecos Water Users' Association, and the Fort Sumner irrigation district providing for an engineering board of three members, one to be appointed by the Secretary of the Interior, one by the Commissioner of the Bureau of Reclamation, and one by the association and district jointly for a review of Pecos River conditions and storage needs at a total cost not exceeding \$10,000, to be provided equally by the United States and the other parties jointly. This board has not yet been selected.

MIDDLE RIO GRANDE VALLEY

On April 16, 1926, contract was made between the United States and the Middle Rio Grande conservancy district, of Albuquerque, N. Mex., for cooperative investigations of problems related to water supply and silt control at a maximum cost of \$25,000, to be provided equally by the parties to the contract.

The conservancy district comprises the Rio Grande Valley from San Felipe to San Marcial, together with adjacent areas, a total of over 200,000 acres, of which some 135,000 acres are considered irrigable. It is proposed by the district to construct works for irrigation, drainage, and flood control, with cost thereof to be assessed against all property in and adjacent to the valley on the basis of anticipated benefits.

United States interests are involved through ownership of the works of the Rio Grande project, including Elephant Butte Reservoir, and through its guardianship of Indian interests throughout the valley. The direct interests of the Rio Grande project are limited to the effect on its water supply and the modification of present silt inflow conditions at the reservoir, and the cooperative studies will be confined to these subjects. Field work by the bureau was initiated near the close of the fiscal year.

NORTH DAKOTA

At the request of interested parties in North Dakota, a review of the Heart River, Bowman, and other North Dakota projects has been undertaken to determine in what way, if any, conditions governing feasibility have been changed since previous investigations were made from 1904 to 1909. These projects will be found described in the twentieth and earlier annual reports of the bureau.

OREGON-CALIFORNIA

LOWER KLAMATH LAKE

The agricultural board described in the last annual report made a report on September 2, 1925. In general the conclusions were that the peat lands, largely in Oregon and contained within the limits of the Klamath drainage district, are under development with reasonable assurance of success, but that attempts in the reclamation of the lake bed will probably end in failure. Alkali was found to be present everywhere with danger of surface concentration and the appearance of black alkali unless irrigation and drainage be intelligently coordinated. This board recommended that the lake bed proper be reflooded with drainage waters from the surrounding peat lands together with such additional inflow from Klamath River as may be necessary to maintain a lake for the benefit of bird life. The consummation of this plan would require a dike across the lake to protect the lands destined for cultivation together with the installation and operation of pumps to maintain the desired ground water level in the cultivated areas. There is at present no provision for financing such requirements.

OREGON

HARNEY PROJECT

Field investigations of engineering and economic matters have been under way and nearly completed. The irrigation distribution system is unusually simple and low in estimated cost. Drainage requirements are difficult to determine in advance but will probably approximate average costs. Storage will be the dominant feature of required works. Ample areas of good soil are available for the efficient use of all available water supply.

DESCHUTES PROJECT

Contract between the United States and the State of Oregon was made on June 22, 1925, for further investigation of the Deschutes project, the cost thereof up to \$1,500 to be borne by the United States and one-half of any additional expenditure to be paid by the State to the United States, with all work to be done by the Bureau of Reclamation. In view of the extensive engineering data available from past investigations by the United States, the State, and other agencies, the present investigations were largely confined to economics and soil classification.

* The report, dated February 19, 1926, concludes that the water supply is ample for a project of 80,000 acres; that soil averages 2 feet in depth and appears to be of better quality than near-by developed lands; that an average acre crop return of \$30 may be expected; that marketing conditions are favorable; and that construction costs would be \$95 per acre or more. Additional engineering investigations and soil surveys will be required for a final estimate of construction cost and determination of irrigable area.

UMATILLA EXTENSIONS

An investigation of the economic phases of the utilization of McKay storage was made by a board consisting of G. R. Hyslop of the Oregon Agricultural College and E. R. Crocker and H. H. Johnson of the Bureau of Reclamation, with report dated July 14, 1925. The conclusions drawn by this board are that the development of the Westland extension, Teel and Paradise projects for the use of McKay Creek storage is not feasible on account of excessive construction cost; the Westland extension having the further disadvantage of poor soil and low duty of water and the Paradise project landowners not being sufficiently interested. The use of McKay storage on the Judson unit (a part of the west extension division of the Umatilla project) should be deferred pending development of return flow in Umatilla River from the use of McKay storage on lands above; that the Westland district has contracted for sufficient McKay storage for its development; that the Stanfield irrigation district will require 28,517 acre-feet of storage instead of 13,517 acre-feet already contracted for, and that this district can pay only \$4 to \$4.50 per acre per year toward construction charges; that the most feasible area for use of available McKay storage would be an extension of the Stanfield irrigation district which is, however, infeasible,

except by inclusion with the district and by an enlargement of its canals; that no extension of farmed areas should be attempted until better means of financing construction of irrigation works and development of farms are provided.

UMATILLA RAPIDS

A study of the soils, land classification, and economic features has been under way during the year, special attention being given to possibilities of the use of power that can be produced at the dam in excess of irrigation pumping requirements. The present power-consuming centers of Washington and Oregon are fully supplied with power and their growth in power needs can be met by developments more favorable than Umatilla Rapids. Furthermore, the surplus power over irrigation needs at the Umatilla Rapids site will be seasonal to a large degree. Under these conditions, the principal market for surplus power must be chemical and metallurgical industries, of which a special study is being made.

UTAH

CASTLE PEAK PROJECT

In cooperation with the United States Geological Survey, a gaging station has been maintained near Tabiona on Duchesne River.

GREAT SALT LAKE BASIN INVESTIGATIONS

The investigations in the Great Salt Lake Basin are conducted in cooperation with the Utah Water Storage Commission, the initial contract being dated January 3, 1922, with numerous supplemental contracts for continuation thereof and extension of the field covered thereby, at a total cost, to June 30, 1926, of about \$126,000.

CACHE VALLEY INVESTIGATIONS

At the request of the Cache County Water Users' Association, a topographic survey, water supply study, and cost estimate was prepared for the Paradise Reservoir site on Little Bear River with the object of irrigating an area of about 6,500 acres on Sterling Bench. With dams raising water 80 and 90 feet, the reservoir capacities provided would be 8,000 and 10,000 acre feet respectively, with an estimated cost in each case of \$85 per acre foot of capacity. Consideration was also given to the alternative use of Porcupine Reservoir site.

The Hyrum Reservoir site on Little Bear River is described in the September, 1924, report on Cache Valley investigations with recommendation that the site be thoroughly tested. In the past year the dam site was tested by means of a well drill with an aggregate depth for all holes of 838 feet and open pits with an aggregate depth of 162 feet. Additional topography has also been obtained of this site, together with a classification of lands required for right of way purposes. A report on utilization of this reservoir is in progress.

DIAMOND FORK POWER INVESTIGATIONS

This work was authorized by letter of the Utah Water Storage Commission dated August 21, 1925, with funds from the general fund for Salt Lake Basin investigations and a maximum expenditure of \$5,000. This project proposes the diversion from Sixth Water Creek immediately below the tunnel outlet of Strawberry Reservoir of available natural flow and storage in transit for the Strawberry Valley project with return thereof to the same stream about 5 miles below, where a head of 830 feet is available. A study of the water supply for this project, preparation of plans and estimates, and study of power utilization are now under way.

PROVO RIVER INVESTIGATIONS

Investigation of the Deer Creek reservoir and dam site has been continued. Unsatisfactory foundation conditions at dam sites at the mouth of Deer Creek have led to the testing of other sites. During the year 1,227 feet of diamond drilling, 73 feet of open tunnel, and 1,881 feet of open pits were provided to develop foundation conditions. A geological examination was made by Prof F. J. Pack of the University of Utah. The Denver & Rio Grande Railroad branch to Heber will require reconstruction for a distance of about 10 miles to be located

above the high-water line of the proposed reservoir, and nearly an equal amount of improved highways would require replacement. Detailed topography for such changes has been obtained for a basis of cost estimates. Designs and estimates are under preparation for the two most favorable locations for the dam. Water supply studies have been revised to fit changed conditions on Weber River diversions and to bring past studies to date. A full report on Provo River investigations is expected to be finished in the near future.

UTAH LAKE CONTROL

Throughout the year the problem of revision of the present agreement for regulation of levels of Utah Lake has been under discussion by representatives of the canal companies receiving water from Utah Lake, owners of marginal lands around Utah Lake, Bureau of Reclamation engineers, and the State engineer. No tangible results have so far been achieved. The Taylorville and Terminal area of 70,000 acres west of Salt Lake City and south of Great Salt Lake was classified for irrigability by A. T. Strahorn and W. G. Harper of the Bureau of Soils, Department of Agriculture, with report dated December 19, 1925.

A land classification and economic report on the reclamation of marginal lands around Utah Lake either seceded or threatened with seepage and inundation through high levels in Utah Lake is under preparation. Soil tests for use in this report have been made by the Utah Agricultural College of Logan, Utah. Plans and estimates are being prepared for a pumping plant and canals for the Provo Bay reclamation project for the dual purpose of pumping drainage water into Utah Lake and into a supply canal for this area to obviate or reduce the storage needed from outside sources.

WASHINGTON

COLUMBIA BASIN INVESTIGATIONS

Several conferences were held during the year by representatives of Montana, Idaho, and Washington for the discussion of the terms of a compact for the allocation of Columbia River waters with a view of assuring a water supply for this project. A representative of the Bureau of Reclamation was present at these conferences in an advisory capacity.

YAKIMA PROJECT EXTENSIONS

Contracts between the United States and the Yakima irrigation district (Moxee division) dated May 25, 1925; the Kennewick irrigation district (Kennewick division), dated May 28, 1925; and the Yakima-Benton irrigation district (Roza division), dated May 29, 1925, provided for an aggregate expenditure of \$20,000 on soil surveys, land classification, and economic surveys to determine the feasibility of these extensions, with funds to be provided equally by the United States and the districts. The soil investigations and land classification are now being conducted by representatives of the Bureau of Soils with such engineering assistance as is required being supplied by the Bureau of Reclamation.

OKANOGAN-METHOW RIVER INVESTIGATION

The repeated serious shortages in water supply for the Okanogan project have prompted numerous investigations for a supplemental supply. The most promising source for any extensive water supply is the Methow River.

A contract of the United States with the Okanogan irrigation district, dated August 4, 1925, provided for an investigation of a diversion from Methow River by means of an open canal in lieu of the tunnel scheme investigated some years ago. The engineering and economic reports were made in April, 1926. The proposed canal would divert from Methow River 4 miles above Twisp, Wash., and with a length of 88 miles would reach Salmon Creek just above the diversion for the Okanogan project. Although no unusually difficult construction is encountered, almost all of the canal line would be on steep rocky slopes with a high cost for a type of construction that will not result in burdensome costs for operation and maintenance. The gross area under the canal would be 66,200 acres, of which 26,000 acres are considered suitable for fruit growing, apples being the principal crop in this locality. For such area the natural flow of Me-

thow River, augmented by existing storage facilities in use by lands commanded by the canal, would furnish an adequate water supply, provided the power right of the Washington Water Power Co. be extinguished. This right was formerly utilized near Pateros by a plant, since burned and not rebuilt. The attitude of the power company is favorable to adjustment of this matter. The construction cost is estimated at an average of \$465 per acre of irrigable lands. The cost of developing a bearing orchard is estimated at \$600 per acre. It is estimated that the development of a safe water supply and the building up of bearing orchards would add approximately \$800 per acre to the present value of non-irrigated lands. Preliminary plans and estimates have been prepared for a pumping plant of 40 second-feet capacity at the Shell Rock site to deliver Okanogan River water into the high line canal below the drop and of a power plant of 4,500 Kw-a. output at McLaughlin Rapids on Okanogan River to furnish power for the above pumping plant and for existing pumping plants on the project. As an auxiliary water supply for the present project area, a pumped water supply from Okanogan River would cost less than water from Methow River.

WYOMING

SARATOGA PROJECT

Operations have been carried on under contract with the State of Wyoming dated March 30, 1925. The field work and most of the office work on the soil survey and land classification undertaken in cooperation with the State of Wyoming is practically complete. Report thereon will be completed at an early date. In general the findings are expected to confirm the estimates of irrigable area used in the engineering report of July, 1922.

NORTH PLATTE PUMPING UNITS

Investigations were continued under contract with the State of Wyoming dated March 30, 1925. Topography was taken of all undeveloped irrigable lands within practicable pumping lift of the North Platte River from Glenrock to Guernsey Reservoir. A soil survey and land classification has been completed as to field work. Plans and estimates of construction cost are in course of preparation. A report on these operations is being compiled at the close of the fiscal year.

EXPERIMENTAL INVESTIGATIONS

Observations previously started for stress determinations at Clear Creek and Gerber Dams were continued, the results being forwarded to the Engineering Foundation Committee of the American Society of Civil Engineers on arched dams, for analysis. The bureau was represented at two meetings of the Arched Dam Committee at Fresno, Calif.

A field investigation was made of flow conditions in the King Hill main canal, with special reference to transition losses and "air trouble" in siphons. The data thus obtained were made the subject of a special report and augmented by other available information were later used in the preparation of a paper which it is proposed to submit to the American Society of Civil Engineers for publication. Data cards covering the principal points were also prepared and publication is now pending.

Hydrometric data are being obtained on several operating projects by measurement of the inflow to and outflow from selected areas to permit a future analysis of the duty of water with a view of determining consumptive use.

SECONDARY PROJECT INVESTIGATIONS

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$69,457.50
Disbursements.....	\$44,669.01	
Liabilities outstanding.....	1,940.76	
		46,609.77
Unencumbered balance, June 30, 1926.....		
		22,847.73
Fiscal year 1927: Amount specified in appropriation acts.....		75,000.00

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$2, 230, 898. 30	\$39, 810. 88	\$2, 270, 709. 18
Less collections.....	713, 988. 86	-----	713, 988. 86
Net investment, June 30, 1926.....	1, 516, 909. 44	39, 810. 88	1, 556, 720. 32

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Miscellaneous:							
Contributed funds—							
Baker		\$5, 000. 00		\$5, 000. 00			
Other secondary in-							
vestigations.....	\$36, 638. 83	532, 447. 44	\$36, 638. 83	500, 576. 90			\$31, 870. 54
Rentals, grazing, and farm-							
ing land	¹ 7, 855. 88	182, 778. 14	¹ 7, 832. 41	139, 836. 20		\$42, 497. 67	444. 27
Miscellaneous	13, 642. 65	68, 630. 76	13, 587. 65	68, 575. 76			50. 00
Grand total collections ..			58, 058. 89	713, 988. 86			

¹ \$7,344.42 transferred to Kittitas division, Yakima project. Actual accruals for year, \$15,200.30; collections, \$15,176.83.

GENERAL INVESTIGATIONS, RECLAMATION SERVICE, 1923—DECEMBER 31, 1924

Appropriations

	General investigation fund, fiscal year 1924-25	Reclamation fund
Congressional authorizations.....	\$315, 213. 45	\$26, 103. 30
Less disbursements and liabilities outstanding.....	306, 455. 34	25, 443. 24
Unencumbered balance, June 30, 1926.....	8, 758. 11	660. 06

Voucher transactions

	General investigations fund	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$267, 423. 88	\$25, 435. 12	\$5, 115. 61	\$297, 974. 61
Less collections.....	35, 299. 42	26, 103. 30	-----	61, 402. 72
Net investment, June 30, 1926.....	232, 124. 46	1 668. 18	5, 115. 61	236, 571. 89

¹ Contra.

Status of current accounts receivable as of June 30, 1926

	Due		Collected (cash)	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Contributed funds	-----	\$28,314.63	-----	\$28,314.63
Other	-----	33,088.09	-----	33,088.09
Grand total collections	-----	61,402.72	-----	61,402.72

Cost of investigations and funds contributed for these investigations

Features	Fiscal year 1926	To June 30, 1926	Contributed funds
Arizona-Nevada-Utah: Colorado River tributaries	-----	\$4,966.06	-----
California:			
Sacramento Valley, salt-water barrier	\$2,958.78	27,141.19	\$8,103.30
Iron Canyon	-----	7,962.62	2,500.00
Colorado:			
Badito	-----	585.74	-----
San Luis Valley	-----	3,291.76	-----
Colorado-New Mexico: San Juan Basin	-----	9,747.50	2,321.16
Idaho: Black Canyon	-----	10,143.30	-----
Nebraska: Tri-County	-----	10,780.34	5,390.17
New Mexico: Estancia Valley	-----	215.31	-----
New Mexico-Texas: Pecos Valley Compact	-----	4,524.37	-----
Oregon:			
Vale	-----	5,792.06	-----
Owyhee	-----	9,834.14	-----
Oregon-Washington: Umatilla Rapids	-----	58,926.40	10,000.00
Texas: Red Bluff Reservoir	-----	6,906.13	-----
Washington:			
Columbia Basin	12.54	96,876.64	-----
Yakima extensions ²	132,926.09	-----	-----
Total	129,969.85	257,693.56	28,314.63

¹ Contra.² Transferred to Kittitas division, Yakima project.

Statement of costs incurred on investigations made by the Bureau of Reclamation to June

[Features active during fiscal year (for detail costs of inactive

State and project or investigation	Contractor (cooperative work)	Date of agreement	Costs during fiscal year 1926	Total costs, all parties, to June 30, 1926	
				Cooperative work	
				United States	Contractor
Arizona-California:					
Boulder Canyon.....	{ Imperial irrigation district..... { Coachella Valley district..... { Palo Verde Levee district..... { City of Los Angeles..... { City of Pasadena.....	{ Jan. 27, 1921 { Dec. 29, 1921 { Dec. 14, 1920 { Nov. 17, 1921 { Informal. { Feb. 16, 1822 { May 31, 1922	\$1, 642. 83	\$35, 000. 00	\$141, 000. 00
California:					
Chico (Deer-Butte Creek).	Chico Chamber of Commerce.	Dec. 11, 1924	4, 243. 01	3, 500. 33	3, 500. 32
Sacramento Valley—Iron Canyon.....	Sacramento Valley Development Association and State of California.	Jan. 26, 1924	400. 99	5, 863. 61	4, 127. 00
Salt Water Barrier.....	{do..... { State of California..... {do..... { East Bay Mun. Ut. District. { California Development Association.	{do..... { June 26, 1924 { Mar. 3, 1925 { Sept. 19, 1924 { Mar. 16, 1926	21, 933. 19	35, 000. 00	{ 7, 500. 00 { 27, 042. 85 { { 603. 30 { 1, 307. 83
Colorado:					
Huerfano.....	Noncooperative.....		366. 28		
Idaho:					
Dubois.....	Dubois Project Finance Association.	June 15, 1922	2, 510. 29	4, 055. 53	4, 055. 53
Gooding (Snake River).	Big Wood Canal Co.....	June 16, 1925	6, 749. 21	5, 749. 21	1, 000. 00
Neeley.....	Noncooperative.....		1, 981. 81		
Montana:					
Milk River tributaries.	.....do.....		4, 554. 98		
New Mexico:					
Middle Rio Grande....	Middle Rio Grande Conservancy district.	Apr. 16, 1926	503. 34	251. 67	251. 67
Carlsbad extensions (third reservoir).	Pecos Water Users' Association.	June 16, 1925	4, 632. 27	2, 000. 00	2, 000. 00
Pecos Valley.....	State of New Mexico.....	May 18, 1925	2, 713. 57	1, 988. 94	1, 388. 11
North Dakota:					
Heart River.....	Noncooperative.....		60. 20		
Oregon:					
Deschutes.....	State of Oregon.....	June 22, 1925	1, 913. 26	1, 706. 63	206. 63
Harney.....	Harney Valley irrigation district.	June 4, 1925	2, 987. 96	2, 987. 96	
Owyhee.....	Noncooperative.....		349. 80		
McKay Creek Storage	.....do.....		783. 24		
Lower Klamath Lake..	.....do.....		338. 99		
Umatilla Rapids.....	State of Oregon.....	Apr. 15, 1924	2, 111. 77	48, 926. 40	10, 000. 00
Utah:					
Castle Peak.....	State of Utah and Mormon Church.	Mar. 11, 1918	67. 00	999. 45	999. 45
Salt Lake Basin.....	State of Utah.....	{ Jan. 3, 1922 { June 1, 1923 { Nov. 30, 1923 { July 31, 1924 { Apr. 30, 1925 { June 19, 1925 { June 1, 1923 { Dec. 10, 1925	30, 338. 60	56, 942. 34	55, 942. 34
Cache Valley.....	.....do.....		4, 458. 88	5, 000. 00	7, 947. 83

ion with funds appropriated for secondary projects and general investigations
30, 1926

Features, see twenty-fourth annual report, pp. 116-125]

Total costs, all parties, to June 30, 1926		Engineer in charge fiscal year 1926	Date of last report and author	Remarks pertaining to work during fiscal year
Nonco-operative, United States	Total			
\$151,603.11	\$327,603.11	-----	June, 1924; Weymouth.	Stream gaging at Bright Angel station.
-----	7,000.65	Fisher-----	November, 1925; Fisher.	
-----	9,990.61	Young-----	May, 1920; Gault.	\$1,627,000 expended by State.
-----	71,453.98	Young-----	-----	Work in progress.
366.28	366.28	Debler-----	April, 1926; Debler.	
28,967.83	37,078.89	Debler and Banks.	Jan. 12, 1909; Gay.	Field hydrography on Shotgun Valley streams, and office estimates.
-----	6,749.21	Gault-----	November, 1925; Gault.	
1,981.81	1,981.81	Whittemore-----	-----	Work in progress.
5,018.72	5,018.72	Crocker-----	Mar. 11, 1926; Crocker.	
-----	503.34	Houk-----	March, 1923; Gault.	\$5,000 advanced by contractor.
632.27	4,632.27	Meinzer, Renick and Bryan.	January, 1926	Geological examination by Geological Survey.
-----	3,377.05	Elder-----	January, 1926; Elder.	State contracted to expend not to exceed \$2,000. Hydrographic investigations on Pecos River.
60.20	60.20	Stratton-----	January, 1909; Stebbins.	Work in progress.
-----	1,913.26	Weiss-----	February, 1926; Weiss.	State advanced \$681.01.
-----	2,987.96	Bond and Hayden.	February, 1916; Whistler.	Engineering and economic reports in progress.
28,055.06	28,055.06	Newell-----	January, 1925; Bond.	Geological report on reservoir by Kirk Bryan, Geological Survey, made December, 1925.
8,018.53	8,018.53	-----	June, 1925; Crocker.	Allocation of storage. Work in progress.
360.47	360.47	Kreutzer-----	September, 1925; Lapham, Powers, and Shaw.	Board review of agricultural conditions.
2,111.77	61,038.17	Weiss-----	October, 1924; Crocker.	Review of economics and soil classification. Work in progress.
22,988.23	24,987.13	-----	December, 1920; Drager.	Expenditures during 1926 for gaging station.
-----	112,884.68	Green-----	October, 1925; Green.	\$57,884.75 advanced by State. Work in progress.
-----	12,947.83	-----do-----	September, 1924; Green.	\$10,000 advanced by State. Work in progress.

100 ANNUAL REPORT OF THE COMMISSIONER OF RECLAMATION

Statement of costs incurred on investigations made by the Bureau of Reclamation to June 30,

State and project or investigation	Contractor (cooperative work)	Date of agreement	Costs during fiscal year 1926	Total costs, all parties, to June 30, 1926	
				Cooperative work	
				United States	Contractor
Washington:					
Kittitas.....	(See remarks).....				
Yakima extensions—					
Roza division.....	Benton irrigation district....	May 29, 1925	\$1,622.12	\$811.06	\$811.06
Moxee division.....	Yakima irrigation district....	May 25, 1925	2,950.71	1,475.36	1,475.35
Kennewick division..	Kennewick irrigation district.	May 28, 1925	95.38	47.69	47.69
Okanogan pumping....	Noncooperative.....		185.28		
Columbia Basin.....	do.....		¹ 2.54		
Wyoming:					
North Platte River pumping.	State of Wyoming.....	Mar. 30, 1925	6,365.68	4,287.27	3,997.43
Saratoga.....	do.....	do	1,602.69		1,602.69
Miscellaneous:					
Miscellaneous investigations.	Noncooperative.....		161.32		
Experimental investigations.	do.....		7,148.58		
Features inactive during fiscal year (for detail costs see twenty-fourth annual report, pp. 116-125).				261,552.19	413,623.62
Subtotal.....			115,770.69	478,145.64	690,430.70
Less costs transferred to Kittitas division, Yakima project.....			101,082.73		1,000.00
Grand total.....			14,687.96	478,145.64	² 689,430.70

¹ Contra.

tion with funds appropriated for secondary projects and general investigations
1926—Continued

Total costs, all parties, to June 30, 1926		Engineer in charge fiscal year 1926	Date of last report and author	Remarks pertaining to work during fiscal year
Nonco-operative, United States	Total			
				Transferred to Kittitas division, Yakima project.
	\$1,622.12	Lytel		Work in progress; \$5,000 advanced by contractor. Land classification.
	2,950.71	do.		Work in progress; \$2,500 advanced by contractor. Land classification.
	95.38	do.		Do.
\$185.28	185.28			Preliminary estimates by Denver office.
102,563.66	102,563.66		February, 1925; Board of Engineers.	
	8,284.70	Smith		State contracted to expend not to exceed \$5,000. Work in progress.
	1,602.69	Kreutzer	1921; Bondstedt.	State contracted to expend not to exceed \$2,500. Work by State of Wyoming on soil classification.
9,891.31	9,891.31			
36,717.80	36,717.80			
1,229,129.34	1,904,305.15			
1,628,651.67	2,797,228.01			
100,082.73	101,082.73			
1,528,568.94	2,696,145.28			

² Includes \$191,597.10 expended directly by States and other agencies.

BAKER PROJECT, OREGON

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$490,852.50
Disbursements.....		333.69
Unencumbered balance, June 30, 1926.....		490,518.81
Fiscal year 1927: Amount specified in appropriation acts.....		(1)

¹ The unexpended balance of the 1926 appropriation.

Voucher transactions

	Reclamation fund	Increase of compensation (net)	Total
Disbursements and net transfers.....	\$58,109.38	\$1,442.19	\$59,551.57
Less collections.....	879.29		879.29
Net investment, June 30, 1926.....	57,230.09	1,442.19	58,672.28

Cost of investigations

	Fiscal year 1926	To June 30, 1926
Cost of investigations.....	\$2,504.23	\$63,360.68
Less contributed funds.....		5,000.00
Net cost.....	2,504.23	58,360.68

VALE PROJECT, OREGON

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$500,000.00
Disbursements.....		17,493.27
Unencumbered balance, June 30, 1926.....		482,506.73
Fiscal year 1927: Amount specified in appropriation acts.....		(1)

¹ The unexpended balance of the 1926 appropriation.

Voucher transactions

Reclamation fund:		
Disbursements and net transfers.....		\$17,544.01
Less collections.....		.33
Net investment, June 30, 1926.....		17,543.68

Cost of investigations

	Fiscal year 1926	To June 30, 1926
Cost of investigations ¹	\$16,545.88	\$16,545.88

¹ For other costs, see report for secondary projects.

OWYHEE PROJECT, OREGON-IDAHO

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$310,496.84
Disbursements.....	\$20,008.03	
Liabilities outstanding.....	28.31	
Unencumbered balance, June 30, 1926.....		20,036.34
Fiscal year 1927: Amount specified in appropriation acts.....		290,460.50
		(1)

¹ The unexpended balance of the 1926 appropriation.

Voucher transactions

Reclamation fund: Disbursements and net transfers..... \$24, 271. 41

Cost of investigations

	Fiscal year 1926	To June 30, 1926
Cost of investigations ¹	\$19, 628. 49	\$23, 331. 53

¹ For other costs, see report for secondary projects.

SALT LAKE BASIN PROJECT, UTAH

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$1, 263, 066. 75
Disbursements.....	\$21, 716. 61	
Liabilities outstanding.....	1, 466. 16	
		23, 182. 77
Unencumbered balance, June 30, 1926.....		1, 239, 883. 98
Fiscal year 1927: Amount specified in appropriation acts.....		(1)

¹ The unexpended balance of certain 1926 appropriations.

Voucher transactions

Reclamation fund: Disbursements and net transfers..... \$35, 112. 71

Cost of investigations

	Fiscal year 1926	To June 30, 1926
Cost of investigations ¹	\$25, 036. 25	\$34, 460. 04

¹ For other costs, see report for secondary projects.

NORTH DAKOTA, WILLISTON PROJECT

Appropriations

Fiscal year 1926:		
Congressional authorizations.....		\$25, 000. 00
Disbursements.....	\$23, 242. 79	
Liabilities outstanding.....	145. 50	
		23, 388. 29
Unencumbered balance due June 30, 1926.....		1, 611. 71
Fiscal year 1927: Amount specified in appropriation acts.....		

Voucher transactions

	Reclama- tion fund	Increase of compensa- tion (net)	Total
Disbursements and net transfers.....	\$1, 395, 043. 72	\$25, 279. 34	\$1, 420, 323. 06
Less collections.....	562, 946. 43		562, 946. 43
Net investment June 30, 1926.....	832, 097. 29	25, 279. 34	857, 376. 63

NORTH DAKOTA, WILLISTON PROJECT—Continued

Construction account

	Fiscal year 1926	To June 30, 1926
Cost of irrigation works:		
Original construction.....	\$16, 774. 93	\$487, 573. 62
Supplemental construction.....		30, 056. 47
Total construction cost.....	16, 774. 93	517, 630. 09
Operation and maintenance prior to public notice (net).....		¹ 165. 00
Operation and maintenance deficits and arrearages to be repaid with construction.....	¹ 168, 471. 56	
Less:		\$517, 465. 09
Construction revenues.....	64, 042. 58	74, 787. 41
Nonreimbursable cost.....	442, 677. 68	442, 677. 68
		517, 465. 09
Total to be repaid by water users.....	¹ 658, 416. 89	
Contracted repayments: Williston irrigation district.....	¹ 489, 275. 30	

¹ Contra.

Operation and maintenance account

	Calendar year 1925	To Dec. 31, 1925	Fiscal year 1926	To June 30, 1926
Operation and maintenance cost.....	\$59, 962. 04	\$901, 201. 72	\$27, 268. 02	\$904, 669. 15
Operation and maintenance returns:				
Contracted.....	29, 200. 87	55, 878. 62	¹ 21, 835. 87	34, 042. 75
Penalties.....		1, 918. 76	¹ 1, 872. 95	45. 81
Miscellaneous revenues.....	50, 309. 16	489, 711. 15	27, 589. 78	489, 736. 15
Subtotal.....	79, 510. 03	547, 508. 53	3, 880. 96	523, 824. 71
Other credits:				
Operation and maintenance deficits and arrearages to be repaid with construction.....		168, 471. 56	¹ 168, 471. 56	
Operation and maintenance uncollectible.....		178, 667. 20	202, 177. 24	380, 844. 44
Total.....	79, 510. 03	894, 647. 29	37, 586. 64	904, 669. 15
Results:				
Excess.....	19, 547. 99		10, 318. 62	
Deficit.....		6, 554. 43		

¹ Contra.

Status of current accounts receivable as of June 30, 1926

	Due		Collected				Uncol- lected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits		
			Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	
Construction:							
Charges paid in advance.....			¹ \$8, 250. 63				
Refunds.....			70. 50	\$70. 50			
Operation and maintenance:							
Irrigation district (6,587.4 acres).....	¹ \$21, 835. 87	\$34, 042. 75	¹ 4, 170. 57	34, 042. 75			
Penalties and interest.....	¹ 1, 872. 95	45. 81	¹ 1, 872. 95	45. 81			
Miscellaneous:							
Rentals of irrigation water.....		2, 117. 28		2, 117. 28			
Rentals of power and light.....	27, 353. 90	483, 920. 58	30, 829. 10	483, 920. 58			
Rentals, grazing, and farm- ing lands.....		249. 98		249. 98			
Construction forfeitures.....	8, 180. 13	8, 835. 45	8, 180. 13	8, 835. 45			
Operation and mainte- nance interest and pen- alties.....	7, 409. 51	7, 409. 51	7, 409. 51	7, 409. 51			
Other.....			13, 355. 47	26, 254. 57			
Grand total collections.....			45, 550. 56	562, 946. 43			

¹ Contra.

APPENDIX

CONSOLIDATED FINANCIAL DATA

TABLE 1.—Consolidated financial statement, June 30, 1926

DEBIT SIDE		
Construction account:		
Primary projects—		
Cost of irrigation works—		
Original construction.....	\$156,912,138.90	
Supplemental construction.....	7,724,923.02	
Value of works taken over.....	1,889,839.11	
Total construction cost.....		\$166,526,901.03
Operation and maintenance prior to public notice (net).....	2,413,468.16	
Operation and maintenance deficits and arrearages to be paid with construction.....	1,601,784.62	
Penalties on water-right charges to be paid with construction.....	5,661.33	
		4,020,914.11
Less—		170,547,815.14
Abandoned works and nonreimbursable cost.....	2,799,947.11	
Construction revenues.....	4,884,704.60	
Contributed funds.....	1,024,073.13	
		8,708,724.84
Total to be repaid by water users.....		\$161,839,090.30
Yuma auxiliary project—		
Cost of irrigation works.....	866,813.00	
Less: Construction revenues.....	116.87	
		866,696.13
Operation and maintenance results (Table 9).....		939,532.75
Secondary projects and general investigations:		
Cost of investigations.....	2,690,654.16	
Less: Contributed funds.....	560,762.07	
		2,129,892.09
Plant and equipment.....		1,423,158.08
Materials and supplies.....		515,406.25
Accounts receivable:		
Current accounts due (Tables 10, 11, 12, 13, 14, 15).....	11,087,116.80	
Deferred accounts not due.....	101,115,288.27	
		112,202,405.07
Prepaid civil-service retirement fund.....		4,967.14
Unadjusted debits: General office expense undistributed, disbursement vouchers in transit, etc.....		200,918.87
Cash (Table 2):		
Balance on hand—		
Reclamation fund.....	8,244,818.70	
Yuma auxiliary fund.....	68,051.20	
General investigations fund.....	8,764.84	
Wind River, Indian fund.....	303.61	
		8,321,938.35
Cash in special deposit account and in transit.....		74,605.71
		8,396,544.06
Total debits.....		288,518,610.74
CREDIT SIDE		
Security for repayment of cost of irrigation works:		
Contracted construction repayments (Table 5).....	131,718,861.77	
Yuma auxiliary contracted repayments.....	843,807.28	
		132,562,669.05
Accounts payable:		
Contractors' earnings.....	388,888.70	
Labor.....	164,012.72	
Purchases.....	96,042.04	
Transportation.....	209,309.68	
Purchases of real property.....	279,475.91	
Miscellaneous.....	299,098.46	
		1,436,827.51
		105

TABLE 1.—*Consolidated financial statement, June 30, 1926—Continued*

CREDIT SIDE—Continued

Unadjusted credits: Collection vouchers in transit.....		\$37. 65
Unapplied credits: Forfeitures, penalties, hospital results, rentals of withdrawn lands, etc.....		2, 171, 863. 53
Government aid for reclamation of arid lands:		
Reclamation fund (Table 3).....	\$136, 470, 741. 91	
Special funds—		
Judgments, Court of Claims.....	597, 461. 24	
Rio Grande Dam.....	1, 000, 000. 00	
General investigations, 1923–Dec. 31, 1924.....	275, 000. 00	
Increase of compensation.....	2, 797, 960. 33	
Wind River, Indian (Riverton).....	359, 479. 65	
Drainage and cut-over lands.....	99, 815. 08	
Advances to reclamation fund (bond loan).....	\$20, 000, 000. 00	
Less: Amount repaid.....	6, 000, 000. 00	
	14, 000, 000. 00	
Total.....	155, 600, 458. 21	
Less: Nonreimbursable appropriation, Rio Grande Dam (Table 4).....	1, 000, 000. 00	
	154, 600, 458. 21	
Less: Impairment of funds—		
Abandoned construction works (Table 4).....	1, 370, 478. 99	
Nonreimbursable construction cost (Table 4).....	429, 468. 12	
Operation and maintenance cost uncollectible (Table 9).....	453, 298. 10	
	2, 253, 245. 21	
	152, 347, 213. 00	
Total credits.....		288, 518, 610. 74

TABLE 2.—*Available funds, expenditures, and balances, fiscal year 1926*

	Funds					
	Reclamation	Yuma auxiliary	General investi- gations	Wind River, Indian (Riverton)	Judg- ments, Court of Claims	Increase of com- pen- sa- tion
Balance on hand July 1, 1925.....	\$6, 575, 104. 23	\$41, 843. 92	\$8, 802. 61	\$303. 61		
Receipts:						
Proceeds from sale of public lands.....	509, 624. 61					
Proceeds from sale of town lots.....	967. 88					
Proceeds from oil leasing act:						
Past production.....	371. 29					
Current production.....	4, 448, 002. 13					
Proceeds from potassium royalties.....	5, 791. 94					
Proceeds from Federal power licenses.....	7, 700. 07					
From sale of lands and water rights.....		¹ 11, 619. 41				
From project collections.....	6, 600, 699. 29	37, 958. 55				
From General Treasury.....					\$2, 525. 04	\$0. 66
Total.....	18, 148, 261. 44	68, 183. 06	8, 802. 61	303. 61	2, 525. 04	. 66
Expenditures:						
Repayment bond loan.....	1, 000, 000. 00					
Disbursements.....	8, 903, 442. 74	131. 86	37. 77		2, 525. 04	. 66
Total.....	9, 903, 442. 74	131. 86	37. 77		2, 525. 04	. 66
Balance on hand, June 30, 1926.....	8, 244, 818. 70	68, 051. 20	8, 764. 84	303. 61		

¹ Contra.

TABLE 3.—*Accretions to reclamation fund, by States*

States	Sales of public lands		Sales of reclamation town sites		Proceeds from oil leasing act		Potassium royalties and rentals ¹	Total to June 30, 1926
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926		
Alabama.....	\$37,439.49	\$2,218,979.24			\$483.00	\$45,832.50		\$45,832.50
Arizona.....	58,506.05	7,526,895.80			612,025.89	5,369,648.61		2,218,979.24
California.....	59,943.68	9,868,353.58			44,162.53	112,847.13	\$30,980.01	12,927,524.51
Colorado.....	27,978.72	6,770,992.20				714.61		9,981,200.71
Idaho.....	² 393.16	1,033,090.78		\$177,428.18	518.50			6,949,134.99
Kansas.....					490.09	2,598.85		1,033,090.78
Louisiana.....	44,156.98	14,859,243.40	\$2,356.02	127,409.60	137,376.17	636,884.18		2,598.85
Montana.....	4,891.98	2,087,084.31			786.00	1,164.00		15,623,537.18
Nebraska.....	10,626.65	942,066.33			9,154.60	14,997.70		2,087,084.31
Nevada.....	50,566.33	5,897,190.74			4,855.26	17,956.01		943,230.33
New Mexico.....	320.41	12,205,146.88						5,912,188.44
North Dakota.....	1,588.08	5,923,295.76						12,223,102.89
Oklahoma.....	20,557.25	11,696,033.61			132.11	284.59		5,923,295.76
Oregon.....	4,909.62	7,695,177.57		74,875.92	17,236.70	86,885.21		11,696,033.61
South Dakota.....	92,551.32	3,788,217.58			17,892.02	10,113.59		7,770,338.08
Utah.....	26,526.67	7,316,803.49			3,619,759.55	21,858,867.01		3,875,102.79
Washington.....	69,364.54	7,846,342.39	² 1,388.14	207,884.34				7,326,917.08
Wyoming.....					4,448,373.42	28,158,793.99	30,980.01	29,913,093.74
Total.....	509,624.61	107,674,913.75	967.88	587,598.04				136,452,285.79
Proceeds, Federal water-power licenses ¹								18,456.12
Grand total.....								136,470,741.91

¹ Proceeds for fiscal year 1926, \$7,700.07.² Contra.¹ Proceeds for fiscal year 1926, \$5,791.94.

TABLE 4.—Consolidated statement, by projects, of construction cost of irrigation works, other cost reimbursable with construction, and amount to be repaid by water users

State and project	Construction cost		Operation and maintenance before public notice (net)		Operation and maintenance deficits and arrearages		Construction revenues and contributed funds (contra)		Abandoned nonreimbursable cost ¹	Total to be repaid by water users	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926		Fiscal year 1926	To June 30, 1926
Arizona: Salt River.....		\$12,744,222.59		\$115,993.50				\$2,312,096.81	\$382,097.31		\$10,166,021.97
Arizona-California:											
Yuma.....	\$321,787.07	9,175,546.24	\$422.91	371,194.58	\$976.25	\$2,921.96	\$2,719.10	161,298.09		\$319,621.31	9,388,364.69
California: Orland.....	79,519.99	1,221,384.38	\$148.50	\$12,026.99			1,035.06	16,610.38		78,335.83	1,192,747.01
Colorado:											
Grand Valley.....	89,914.31	4,723,070.55	\$102.15	\$113,403.08			365.06	60,008.76		89,447.10	4,776,464.87
Uncompangre.....	264.00	6,438,176.91	\$1,391.22	300,321.93			\$6,307.19	23,353.05	47,370.81	5,179.97	6,067,769.98
Idaho:											
American Falls.....	2,375,626.79	6,153,088.81					137,139.49	\$54,174.54		2,238,487.30	6,207,263.35
Boise.....	316,793.28	14,232,328.86		422,192.62		9,698.31	8,084.32	215,390.12		308,708.96	14,448,829.67
King Hill.....		1,904,898.80					2,159.20	28,187.27		\$2,159.20	1,876,711.53
Minidoka.....	13,279.76	6,620,745.69	\$625.96	154,421.34		20,630.12	55,787.63	1,487,076.80		\$43,133.83	5,308,720.35
Kansas: Garden City.....		342,963.68		52,868.10				61,356.82	334,474.96		
Montana:											
Huntley.....	\$268.00	1,498,498.72	\$190.75	\$1,000.65		10,980.90	529.44	17,747.54		\$988.19	1,490,731.43
Milk River.....	62,112.05	6,742,873.04	43,356.89	467,037.48			2,871.28	66,092.16		102,597.66	7,143,818.36
Sun River.....	18,846.18	4,407,615.96	9,071.77	140,385.33		16,373.99	1,590.83	40,740.45		26,527.12	4,523,634.83
Montana-North Dakota: Lower Yellowstone.....		3,166,526.77	\$982.02	\$1,536.20		522,500.05	993.97	46,776.22		\$1,975.99	3,640,714.40
Nebraska-Wyoming:											
North Platte.....	1,076,987.25	17,461,335.43	\$2,756.49	577,530.28		150,483.08	126,545.52	276,612.29		946,685.24	17,912,736.50
Nevada: Newlands.....	27,667.86	7,535,319.37	\$538.37	\$2,078.48	12,287.02	16,444.38	10,249.68	185,755.48		29,166.83	7,363,929.79
New Mexico:											
Carlsbad.....	20,330.85	1,458,995.57	\$1,547.69	\$15,172.10		1,934.00	1,005.91	25,035.28		17,777.25	1,420,722.19
Hondo.....		339,491.68		32,952.01				541.03	371,902.66		
New Mexico-Texas:											
Rio Grande.....	269,457.82	14,071,706.04	\$12,740.08	\$287,676.86			2,047.92	39,393.52	1,000,000.00	254,669.82	12,744,635.66
North Dakota:											
Butford-Trenton.....		223,423.06		\$31.75				1,967.62	221,423.69		
Williston.....	16,774.93	517,630.09		\$165.00			64,042.58	74,787.41	442,677.68	\$638,416.89	
Oregon:											
Baker.....	2,504.23	63,360.68						5,000.00		2,504.23	58,360.68
Umatilla.....	717,485.13	4,994,819.31						29,886.65		715,203.58	5,155,500.61
Vale.....	16,545.88	16,545.88				190,627.95	2,281.55			16,545.88	16,545.88

Oregon-California:	112,701.77	5,187,141.18	7,236.16	66,019.09	3,712.03	32,922.73	234,046.12	87,015.20	5,022,826.18
Klamath	19,628.49	23,331.53						19,628.49	23,331.53
Oregon-Idaho: Owyhee									
South Dakota: Belle									
Fourche		3,566,124.41		2 1,989.03	506,436.99		16,565.35		4,054,007.02
Utah:									
Salt Lake Basin	25,036.25	34,460.04	2 980.70	11,131.20	3,622.08	11,212.74	64,628.53	25,036.25	34,460.04
Strawberry Valley	95.42	3,499,734.22			2,275.75			2 9,822.27	3,449,968.97
Washington:									
Okanogan	1 1,080.82	1,460,490.86		2 47,766.87	25,194.37	359.17	6,257.80	14,007.59	1,431,660.56
Yakima	2 25,853.28	14,405,603.05		2 63,957.96	77,238.54	8,320.41	333,971.04	2 34,173.69	14,094,912.59
Yakima-Kititas	3 148,444.19	148,444.19				1,017.50	1,017.50	147,426.69	
Wyoming:									
Riverton	534,174.10	2,808,406.27	282.59	20.84		2 1,438.24	6,094.69	535,894.93	2,802,332.42
Shoshone	115,371.66	9,344,258.50		21,398.67	42,985.87	39,152.08	124,752.49	74,298.42	9,283,890.55
Total	6,354,147.16	166,532,562.36	36,520.57	2,413,468.16	2 139,406.12	1,601,784.62	5,908,777.73	5,304,095.59	161,839,090.30

1 Abandoned works:

Garden City	\$334,474.96
Hondo	371,902.66
Buford-Trenton	221,423.69
Williston	442,677.68
	1,370,478.99

Nonreimbursable cost:

Salt River	382,097.31
Uncompahgre	47,370.81

Nonreimbursable appropriation: Rio Grande Dam

	429,468.12
	1,000,000.00

3 Contra.

3 Transferred from Yakima, \$47,789.74; from secondary and general investigations, \$52,292.99; actual cost for year, \$47,361.46.

TABLE 5.—*Consolidated statement of contracted construction repayments*

State and project	Value of contracts	
	Fiscal year 1926	To June 30, 1926
Arizona: Salt River.....		\$10,166,021.97
Arizona-California: Yuma.....	\$394,078.30	6,395,702.22
California: Orland.....		1,119,215.25
Colorado:		
Grand Valley.....		1,000,000.00
Uncompahgre.....		6,713,584.50
Idaho:		
American Falls.....	¹ 157,307.50	3,190,330.50
Boise.....	¹ 598,999.05	13,868,380.85
King Hill.....		2,000,000.00
Minidoka.....	4,329.22	6,041,250.62
Montana:		
Huntley.....	5,746.75	1,346,195.46
Sun River.....	¹ 5,458.80	416,964.33
Montana-North Dakota: Lower Yellowstone.....	¹ 135.50	3,614,166.31
Nebraska-Wyoming: North Platte.....	11,550.00	15,336,536.16
Nevada: Newlands.....	¹ 133,553.67	2,406,779.57
New Mexico: Carlsbad.....	870.00	1,425,182.75
New Mexico-Texas: Rio Grande.....		13,500,000.00
North Dakota: Williston.....	¹ 489,275.30	
Oregon: Umatilla.....		4,423,823.97
Oregon-California: Klamath.....	5,135.50	3,999,852.10
South Dakota: Belle Fourche.....		4,345,277.42
Utah: Strawberry Valley.....	10,920.00	3,114,336.96
Washington:		
Okanogan.....	15,447.58	1,513,287.87
Yakima.....	1,703,061.06	11,620,364.66
Yakima-Kittitas.....	9,000,000.00	9,000,000.00
Wyoming: Shoshone.....	¹ 604,241.41	5,161,608.30
Total.....	9,162,167.18	131,718,861.77

¹ Contra.

TABLE 6.—Consolidated statement, by projects, of operation and maintenance cost, operation and maintenance returns and other credits, and results, calendar year 1925

State and project	Cost	Operation and maintenance returns				Other credits (amounts to be repaid with construction)	Results, excess (+) and deficit (—)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues		
Arizona: Yuma auxiliary	\$53,627.13	\$48,966.08			\$627.05		—\$4,034.00
Arizona-California: Yuma	267,558.42	314,827.20	\$11,074.09	\$7,787.01	14,524.67	\$976.25	+66,056.78
California: Oland	27,943.04	34,329.22	135.57	109.87	660.26		+7,072.14
Colorado: Uncompaigre	131,955.30	132,827.44	5,264.09	2,899.77	2,790.82		+6,027.19
Idaho:							
Boise	205,688.48	203,856.13	16,786.27	1,320.79	12,891.82	9,698.31	+36,223.26
Boise (drainage)	123,313.95	138,626.79	13,067.68	1,266.27			+27,115.15
King Hill	41,036.74	33,552.75			342.89		—7,141.10
Mindoka	115,612.81	117,799.29	811.37	2,107.55	206.00	8,316.26	+9,436.56
Montana:							
Huntley	35,113.51	35,347.41	1,656.37	1,080.45	1,127.40		+1,937.22
Sun River	12,013.58	11,403.14	2,311.11	207.90	314.15		+1,806.92
Montana-North Dakota: Lower Yellowstone	66,566.58	65,783.56			783.02		
Nebraska-Wyoming: North Platte	365,143.55	351,411.95	194.83	1,371.13	1,523.80		—13,379.10
Nevada: Newlands	94,512.47	51,603.29	8,668.24	2,616.74	5,238.83	12,287.02	—19,316.83
New Mexico: Carlsbad	46,177.99	37,991.88	1,436.13	1,234.61	1,640.08		—6,344.51
New Mexico-Texas: Rio Grande	328,863.38	312,808.14			16,055.24		
North Dakota: Williston	59,962.04	29,200.87			50,309.16		+19,547.99
Oregon: Umatilla	35,275.38	23,940.88		11.54	980.00		—10,366.04
Oregon-California: Klamath	77,624.51	63,774.05	341.75	63.82	1,785.91		—11,786.62
South Dakota: Belle Fourche	72,976.89	75,000.00			2,211.74		+4,234.85
Utah: Strawberry Valley	21,447.26	16,788.87		1,181.90	2,417.20	2,275.75	+117.67
Washington:							
Okanogan	71,068.62	55,459.92	3,842.57	5.70	2,040.12	15,447.58	+5,715.87
Yakima	258,204.57	247,700.37	12,222.88	3,697.41	6,879.95	15,125.54	+3,026.76
Wyoming: Shoshone	61,381.07	27,035.31	16,785.97	567.57	8,937.14	1,747.99	—10,938.01
Total	2,573,066.46	2,430,039.54	95,893.93	27,529.83	134,296.25	47,378.72	+107,012.15

1 Contra.

TABLE 7.—Consolidated statement, by projects, of operation and maintenance cost, operation and maintenance returns and other credits, and results to December 31, 1925

State and project	Cost	Operation and maintenance returns				Other credits		Results, excess (+) and deficit (—)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues	Deficits uncollectible	Amounts to be repaid with construction	
Arizona: Yuma auxiliary.....	\$161, 771. 31	\$174, 845. 04	\$537. 74	\$1, 106. 79	\$777. 05	-----	-----	+ \$13, 281. 73
Arizona-California: Yuma.....	2, 652, 690. 92	2, 100, 557. 08	59, 806. 62	27, 826. 86	117, 534. 66	-----	\$2, 921. 96	- 394, 696. 86
California: Orland.....	290, 867. 24	313, 311. 41	210. 01	13, 092. 62	2, 211. 70	-----	-----	+11, 773. 26
Colorado: Uncompangre.....	413, 801. 13	428, 213. 79	5, 738. 54	8, 883. 16	6, 840. 28	-----	-----	+18, 128. 32
Idaho:								
Boise.....	2, 108, 804. 43	2, 117, 471. 39	60, 784. 78	46, 207. 13	135, 318. 49	-----	9, 698. 31	+163, 261. 41
Boise (drainage).....	455, 535. 13	688, 118. 27	38, 407. 48	6, 119. 71	-----	-----	-----	+264, 870. 91
King Hill.....	156, 048. 79	157, 224. 95	-----	1, 519. 05	342. 89	-----	-----	-----
Mimidoka.....	1, 779, 181. 91	1, 737, 215. 59	28, 196. 04	22, 287. 04	98, 897. 31	-----	20, 630. 12	+83, 470. 11
Montana:								
Huntley.....	946, 615. 50	526, 376. 86	12, 574. 22	9, 788. 32	10, 056. 96	-----	10, 980. 90	- 396, 414. 88
Sun River.....	230, 134. 25	181, 822. 00	5, 780. 39	3, 400. 14	2, 793. 49	-----	16, 373. 99	- 26, 764. 52
Montana-North Dakota: Lower Yellowstone.....	1, 037, 401. 59	389, 123. 86	2, 59	4. 63	125, 779. 72	-----	522, 500. 05	-----
Nebraska-Wyoming: North Platte.....	2, 485, 518. 04	2, 437, 382. 77	27, 036. 74	35, 410. 41	25, 232. 64	-----	150, 483. 08	+119, 206. 78
Nevada: Newlands.....	1, 379, 737. 30	1, 246, 314. 37	25, 230. 24	22, 868. 22	24, 597. 70	-----	16, 444. 38	-90, 018. 83
New Mexico: Carlsbad.....	1, 602, 723. 62	1, 591, 460. 32	24, 975. 03	10, 421. 91	16, 978. 11	-----	1, 934. 00	+22, 201. 93
New Mexico-Texas: Rio Grande.....	1, 232, 873. 76	1, 212, 369. 86	1, 426. 46	4, 486. 44	23, 423. 88	-----	-----	-----
North Dakota:								
Buford-Trenton.....	74, 781. 07	2, 317. 41	-----	-----	10. 00	\$72, 453. 66	168, 471. 56	- 6, 554. 43
Williston.....	901, 201. 72	55, 878. 62	1, 918. 76	-----	489, 711. 15	178, 067. 20	190, 627. 95	-----
Oregon: Umatilla.....	657, 754. 05	424, 831. 37	6, 375. 70	3, 305. 71	39, 224. 74	-----	3, 712. 03	- 8, 556. 48
Oregon-California: Klamath.....	764, 210. 87	738, 874. 70	3, 159. 63	4, 709. 78	14, 617. 81	-----	506, 436. 99	+96, 301. 57
South Dakota: Belle Fourche.....	1, 161, 260. 26	713, 721. 89	31, 955. 32	9, 241. 55	14, 689. 18	-----	3, 622. 08	+2, 782. 27
Utah: Strawberry Valley.....	418, 419. 22	402, 020. 16	7, 520. 68	11, 462. 06	19, 500. 63	-----	-----	-----
Washington:								
Okanogan.....	523, 746. 21	414, 430. 28	13, 280. 81	370. 73	70, 159. 95	-----	25, 194. 37	-1, 051. 53
Yakima.....	3, 032, 041. 57	2, 904, 365. 56	51, 963. 22	36, 626. 61	100, 945. 95	-----	77, 238. 54	+63, 875. 09
Wyoming: Shoshone.....	776, 889. 00	698, 554. 18	27, 370. 35	11, 212. 07	32, 087. 36	-----	43, 159. 04	+13, 069. 86
Total.....	24, 244, 008. 89	20, 056, 942. 33	484, 301. 35	290, 350. 94	1, 371, 731. 65	251, 120. 86	1, 770, 428. 35	-49, 834. 29

TABLE 8.—Consolidated statement, by projects, of operation and maintenance cost, operation and maintenance returns and other credits, and results, fiscal year 1926¹

State and project	Cost	Operation and maintenance returns				Other credits		Results, excess (+) and deficit (—)
		Charges contracted	Penalties	Discounts (contra)	Miscellaneous revenues	Deficits uncollectible	Amounts to be repaid with construction	
Arizona: Yuma auxiliary	\$43,353.77	\$44,256.18			\$826.05			+\$1,728.46
Arizona-California: Yuma	326,422.91	305,419.27	\$13,002.78	\$6,362.14	26,041.33		\$976.25	+12,654.58
California: Orland	26,167.02	34,327.95	302.17	1,371.72	553.76			+7,645.14
Colorado: Uncompahgre	137,433.93	132,677.08	6,938.07	2,870.83	2,980.67			+2,291.06
I Idaho:								
Boise	165,015.74	209,413.49	2,702.13	1,210.44	11,698.29			+57,587.73
Boise (drainage)	116,733.04	68,905.56	6,720.32	1,720.64				—41,827.80
King Hill	22,698.35	32,846.92			342.89			+10,491.46
Minidoka	102,696.96	125,941.80	1,409.82	1,775.25	464.36			+23,343.77
Montana:								
Huntley	38,305.57	36,051.82	2,294.98	1,070.70	998.90			—30.57
Sun River	11,676.49	11,028.00	1,030.90	214.62	304.29			+472.08
Montana-North Dakota: Lower Yellowstone	56,183.26	65,783.56			950.08			+10,550.98
Nebraska-Wyoming: North Platte	254,578.27	254,680.52	83,378.77	1,391.51	1,179.50			+83,269.01
Nevada: Newlands	99,564.50	74,245.25	6,964.50	2,757.17	1,463.00		12,287.02	—7,361.90
New Mexico: Carlsbad	48,364.17	38,021.88	606.85	1,309.30	1,796.07			—9,248.67
New Mexico-Texas: Rio Grande	336,913.10	306,014.02	1,491.51		21,919.93			—7,487.64
North Dakota: Williston	27,268.02	121,835.87	1,872.95		27,589.78	\$202,177.24	1 168,471.56	+10,318.62
Oregon: Umatilla	35,896.73	23,940.88	1,375.44	5.08	908.58			+9,676.91
Oregon-California: Klamath	79,843.22	63,605.18	151.67	114.22	1,863.17			—5,337.42
South Dakota: Belle Fourche	72,370.57	75,000.00			2,073.24			+4,702.67
Utah: Strawberry Valley	21,586.14	17,153.87	1,428.53	1,212.99	2,361.16		2,275.75	+420.18
Washington:								
Okanogan	74,483.58	58,959.92	5,774.94	11.70	868.27		15,447.58	+6,555.43
Yakima	256,695.31	248,340.51	12,505.63	3,653.02	7,612.61			+8,110.42
Wyoming: Shoshone	57,060.26	22,238.56	10,656.79	388.24	9,041.82		1 1,921.16	—11,418.49
Total	2,402,316.91	2,227,036.35	162,862.85	26,439.57	123,838.35	202,177.24	1 139,406.12	+147,752.19

¹ Contra.

TABLE 9.—Consolidated statement, by projects, of operation and maintenance cost, operation and maintenance returns and other credits, and results, to June 30, 1923

State and project	Cost	Operation and maintenance returns				Other credits		Results, excess (+) and deficit (—)
		Charges con- tracted	Penalties	Discounts (contra)	Miscellaneous revenues	Deficits uncollectible	Amount to be repaid with construction	
Arizona: Yuma auxiliary.....	\$183,332.81	\$215,808.14	\$537.74	\$1,106.79	\$1,483.05			+\$33,389.33
Arizona-California: Yuma.....	2,855,178.84	2,099,680.22	68,510.86	34,211.87	137,613.95			—580,663.72
California: Orland.....	306,023.91	313,310.12	427.51	14,397.66	2,284.45		\$2,921.96	—4,399.49
Colorado: Uncompahgre.....	495,276.53	427,723.44	9,234.26	8,928.48	9,741.90			—57,505.41
Idaho:								
Boise.....	2,178,473.13	2,130,631.02	62,189.46	46,526.29	135,167.59		9,698.31	+112,686.96
Boise (drainage).....	508,955.24	687,732.77	38,610.09	6,123.43				+211,264.19
King Hill.....	156,621.99	157,798.15		1,519.05	342.89			
Minidoka.....	1,824,165.34	1,765,015.25	29,169.11	22,341.74	99,161.67		20,630.12	+67,469.07
Montana:								
Humfrey.....	965,624.75	526,376.86	14,289.24	9,808.64	10,449.17		10,980.90	—413,337.22
Sun River.....	237,289.15	181,442.46	6,464.01	3,432.32	2,808.91		16,373.99	—33,632.10
Montana-North Dakota: Lower Yellowstone.....	1,069,745.06	389,123.86	2.59	4.63	126,044.88		522,500.05	—32,078.31
Nebraska-Wyoming: North Platte.....	2,576,774.87	2,450,886.67	110,286.14	35,716.07	26,071.14		150,483.08	+125,236.18
Nevada: Newlands.....	1,431,471.83	1,242,609.46	28,178.22	23,017.23	25,439.87		16,444.38	—141,817.13
New Mexico: Carlisbad.....	623,084.30	501,490.32	25,419.02	10,928.68	18,404.16		1,984.00	—1,765.48
New Mexico-Texas: Rio Grande.....	1,412,563.54	1,203,713.74	2,917.97	4,486.44	29,479.07			—178,937.20
North Dakota:								
Bulford-Frenton.....	74,781.07	2,317.41			10.00	\$72,453.66		
Williston.....	904,669.15	* 34,042.75	45.81		489,736.15	380,844.44		
Oregon: Umatilla.....	676,961.29	424,831.37	7,751.14	3,310.79	39,683.32		190,627.95	—17,378.30
Oregon-California: Klamath.....	802,506.12	738,690.83	3,255.38	4,760.18	14,907.01		3,712.03	—46,701.05
South Dakota: Belle Fourche.....	1,195,822.73	713,721.89	31,955.32	9,241.55	15,900.13		506,436.99	+62,950.05
Utah: Strawberry Valley.....	428,240.13	402,020.16	7,861.79	11,783.40	19,719.42		3,622.08	—6,800.08
Washington:								
Okanogan.....	552,246.27	417,930.28	17,422.26	376.73	69,358.10		25,194.37	—22,717.99
Yakima.....	3,165,507.56	2,971,927.13	57,332.56	39,026.46	106,215.78		77,238.54	+8,179.99
Wyoming: Shoshone.....	811,548.84	691,188.73	28,036.72	11,063.98	37,428.46		42,985.87	—22,975.04
Total.....	25,441,864.36	20,782,015.03	549,897.20	302,114.41	1,417,451.07	453,298.10	1,601,784.62	—939,532.75

TABLE 10.—*Accounts receivable, construction water-right charges (including Warren Act contract charges and contributed funds)*

State and project	Due		Collected			Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits to June 30, 1926	
			Fiscal year 1926	To June 30, 1926		
Arizona:						
Salt River-----	\$643,862.05	\$2,950,746.01	\$643,862.05	\$2,950,746.01	-----	-----
Yuma-----	108,379.05	843,517.28	111,737.21	674,252.24	-----	\$169,265.04
Arizona-California: Yuma-----	351,962.48	2,237,423.75	345,785.33	2,097,599.43	\$4,024.28	135,800.04
California: Orland-----	66,552.92	437,838.50	82,793.60	423,057.18	-----	14,781.32
Colorado: Uncompahgre-----	106,701.08	477,324.04	118,059.28	195,892.97	51,117.51	230,313.56
Idaho:						
American Falls-----	920,672.73	2,959,963.98	1,360,055.48	2,930,283.39	-----	29,680.59
Boise-----	698,372.29	3,781,096.93	120,621.95	1,955,365.95	25,092.00	1,800,638.98
King Hill-----	40,000.00	88,025.66	-----	8,025.66	-----	80,000.00
Minidoka-----	337,429.76	3,849,395.48	265,212.80	3,036,191.07	154,436.61	658,767.80
Montana:						
Huntley-----	33,333.67	482,359.21	28,446.55	424,411.73	502.21	57,445.27
Sun River-----	15,040.80	195,645.83	9,510.90	165,765.21	479.30	29,401.32
Montana-North Dakota:						
Lower Yellowstone-----	32,648.96	134,706.92	19,286.13	70,149.45	-----	64,557.47
Nebraska-Wyoming: North						
Platte-----	415,076.43	3,576,355.36	71,176.44	1,893,644.20	36,527.78	1,646,183.38
Nevada: Newlands-----	78,910.14	716,005.42	48,602.10	625,676.80	9,005.29	81,323.33
New Mexico: Carlsbad-----	60,783.87	602,298.49	48,191.64	575,699.45	81.25	26,517.79
New Mexico-Texas: Rio						
Grande-----	232,985.70	705,330.90	232,926.14	705,271.34	-----	59.56
Oregon: Umatilla-----	94,411.22	600,635.02	2,807.38	391,485.03	-----	269,149.99
Oregon-California: Klamath-----	65,172.06	757,864.57	52,461.74	713,806.69	-----	44,057.88
South Dakota: Belle Fourche-----	137,078.24	796,373.20	27,108.57	478,866.62	266.57	317,240.01
Utah: Strawberry Valley-----	167,825.17	933,144.44	105,850.46	662,488.64	-----	270,655.80
Washington:						
Okanogan-----	24,003.56	105,665.01	8,738.82	73,553.22	-----	32,111.79
Yakima-----	368,757.73	4,505,467.40	438,664.85	4,203,755.80	36,047.07	265,664.53
Yakima-Kittitas-----	1,000.00	1,000.00	1,000.00	1,000.00	-----	-----
Wyoming: Shoshone-----	78,698.69	1,047,610.14	10,306.19	641,163.11	2,528.58	403,918.45
Total-----	4,862,900.50	32,845,793.54	4,009,731.19	25,898,151.19	320,108.45	6,627,533.90
Paid in advance of due dates-----	-----	-----	1,604,746.49	398,834.45	29,561.82	-----
Refunds-----	-----	-----	21,660.67	46,180.30	-----	-----
Total collections-----	-----	-----	3,426,645.37	26,343,165.94	349,670.27	-----

¹ Contra.² Transferred from advance payments. No collections during year.³ Other credits for fiscal year, \$10,123.29. For details see project statements.⁴ Decrease for year, \$4,826.11. For details see project statements.⁵ For details see project statements.

NOTE.—This table does not include adjustments of the accounts under contracts entered into prior to the end of the fiscal year with irrigation districts under the acts of Dec. 5, 1921, and May 25, 1926

TABLE 11.—Accounts receivable, operation and maintenance charges (after public notice)

State and project	Due		Collected			Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits to June 30, 1926	
			Fiscal year 1926	To June 30, 1926		
Arizona: Yuma auxiliary	\$44,256.18	\$215,808.14	\$36,948.46	\$131,694.02	\$1,106.79	\$83,007.33
Arizona-California: Yuma	305,419.27	2,099,680.22	226,789.87	1,817,310.81	39,336.28	243,033.13
California: Orland	34,327.95	313,310.12	34,230.13	293,419.52	14,397.66	5,492.94
Colorado: Uncompahgre	132,677.08	427,723.44	129,468.57	281,588.04	20,373.93	125,761.47
Idaho:						
Boise	209,413.49	2,130,631.02	46,693.61	1,460,179.39	46,526.29	623,925.34
Boise (drainage)	68,905.56	687,732.77	85,816.11	467,395.07	6,123.43	214,214.27
King Hill	32,846.92	157,798.15	160.15	59,192.22	1,519.05	97,086.88
Minidoka	135,819.61	1,755,137.46	95,951.93	1,397,357.98	75,666.36	282,113.12
Montana:						
Huntley	36,051.82	526,376.86	35,693.54	418,077.72	10,551.83	97,747.31
Sun River	11,028.00	181,442.46	8,739.87	148,526.47	3,834.10	29,081.89
Montana-North Dakota:						
Lower Yellowstone	52,427.20	343,693.79	42,673.45	95,407.17	4.63	248,281.99
Nebraska-Wyoming: North Platte	254,680.52	2,450,886.67	77,187.03	1,600,128.56	46,567.46	804,190.65
Nevada: Newlands	87,136.19	1,110,431.26	117,586.70	992,378.12	36,471.68	81,581.46
New Mexico: Carlsbad	38,021.88	591,490.32	36,255.86	569,000.76	10,928.68	11,560.88
New Mexico-Texas: Rio Grande	282,114.40	1,091,260.20	246,790.25	1,044,361.75	4,486.44	42,412.01
North Dakota:						
Buford-Trenton		2,317.41		2,317.41		
Williston	¹ 21,835.87	34,042.75	¹ 4,170.57	34,042.75		
Oregon: Umatilla	39,760.66	402,964.60	7,997.50	319,312.75	3,310.79	80,341.06
Oregon-California: Klamath	71,344.95	684,709.83	62,390.24	610,234.28	30,354.13	44,121.42
South Dakota: Belle Fourche	78,068.96	679,927.27	² 57,425.90	540,768.22	9,376.82	129,782.23
Utah: Strawberry Valley	41,764.70	402,020.16	33,402.70	330,242.19	11,783.40	59,994.57
Washington:						
Okanogan	66,123.50	385,630.28	41,168.21	309,569.30	2,632.31	73,428.67
Yakima	248,340.51	2,971,927.13	270,926.12	2,764,742.47	40,071.80	167,112.86
Wyoming: Shoshone	22,258.56	691,188.73	32,717.42	471,810.67	20,261.26	199,116.80
Total	2,270,952.04	20,338,131.04	1,722,843.05	16,159,057.64	³ 435,685.12	3,743,388.28
Paid in advance of due dates			¹ 10,315.76	⁴ 26,113.99	⁵ 1,014.44	
Penalties and interest	161,487.41	548,521.76	⁴ 57,577.62	⁴ 390,865.64	⁶ 17,652.13	140,003.99
Refunds			⁴ 1,132.32	⁴ 14,569.77		
Total collections			1,771,237.23	16,590,607.04	454,351.69	

¹ Contra.² \$13,709.31 transferred from advance payments. Actual collections for year, \$43,716.59.³ Other credits for fiscal year \$33,588.64. For details see project statements.⁴ For details see project statement.⁵ Increase for year \$226.63. For details see project statements.⁶ Decrease for year \$511.59. For details see project statements.

NOTE.—This table does not include any adjustment of the accounts under contracts entered into prior to the end of the fiscal year with irrigation districts under the acts of Dec. 5, 1924, and May 25, 1926.

TABLE 12.—*Accounts receivable, rentals of irrigation water*

State and project	Due		Collected			Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits to June 30, 1926	
			Fiscal year 1926	To June 30, 1926		
Arizona:						
Salt River		\$2, 246, 726. 01		\$2, 246, 726. 01		
Yuma auxiliary	\$886. 05	1, 583. 05	\$837. 05	1, 102. 05		\$481. 00
Arizona-California: Yuma	22, 944. 51	469, 271. 95	21, 563. 51	463, 427. 38	\$4, 574. 15	1, 270. 42
California: Orland	220. 50	120, 825. 00	220. 50	120, 825. 00		
Colorado:						
Grand Valley	47, 996. 85	375, 720. 17	60, 722. 52	355, 907. 08	6, 234. 13	13, 578. 96
Uncompahgre	4, 371. 89	1, 200, 004. 03	9, 705. 04	1, 173, 986. 67	13, 047. 90	12, 969. 46
Idaho:						
Boise	11, 698. 29	773, 902. 06	6, 689. 02	744, 968. 07	4, 720. 50	24, 213. 49
Minidoka	1, 090. 32	273, 698. 30	1, 090. 32	270, 464. 07	3, 234. 23	
Montana:						
Huntley	842. 09	8, 619. 54	1, 206. 29	8, 583. 88		35. 66
Milk River	19, 109. 32	229, 195. 21	20, 011. 54	211, 385. 89	1, 194. 40	16, 614. 92
Sun River	16, 862. 38	88, 701. 12	20, 533. 99	63, 292. 54	1, 069. 54	24, 339. 04
Montana-North Dakota:						
Lower Yellowstone	151. 70	124, 002. 19	1, 540. 53	123, 986. 26		15. 93
Nebraska-Wyoming: North Platte	103, 385. 19	391, 328. 44	39, 259. 14	319, 186. 54	10. 00	72, 131. 90
Nevada: Newlands	2, 001. 37	26, 399. 14	1, 980. 37	20, 198. 29	6, 176. 85	24. 00
New Mexico:						
Carlsbad	2, 980. 37	29, 077. 42	2, 980. 37	29, 077. 42		
Hondo		9, 129. 70		9, 129. 70		
New Mexico-Texas: Rio Grande	34, 809. 01	1, 179, 727. 69	48, 407. 33	1, 166, 622. 84		13, 104. 85
North Dakota:						
Buford-Trenton		31. 75		31. 75		
Williston		2, 117. 28		2, 117. 28		
Oregon: Umatilla	718. 98	34, 864. 52	718. 98	34, 864. 52		
Oregon-California: Klamath	1, 888. 17	54, 593. 56	1, 916. 83	54, 497. 72		95. 84
South Dakota: Belle Fourche	464. 45	6, 465. 34	464. 45	6, 297. 54	17. 80	150. 00
Utah: Strawberry Valley	2, 702. 00	17, 000. 54	2, 702. 00	17, 000. 54		
Washington:						
Okanogan	356. 40	109, 970. 88	726. 40	107, 386. 69	2, 584. 19	
Yakima	4, 100. 34	151, 467. 50	4, 683. 74	150, 624. 44		843. 06
Wyoming:						
Riverton	413. 00	674. 75	413. 00	674. 75		
Shoshone	8, 539. 98	33, 967. 67	8, 088. 92	33, 247. 92	55. 92	663. 83
Total	288, 533. 16	7, 959, 064. 81	256, 461. 84	7, 735, 612. 84	142, 919. 61	180, 532. 36

¹ Other credits for year, \$5,298.31. For details see project statements.

TABLE 13.—*Accounts receivable, rentals of power and light*

State and project	Due		Collected			Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits to June 30, 1926	
			Fiscal year 1926	To June 30, 1926		
Arizona: Salt River-----		\$998, 411. 03		\$998, 411. 03		
Idaho:						
Boise-----	\$6, 196. 10	145, 366. 01		96, 424. 61	\$48, 941. 40	
Minidoka-----	93, 441. 45	1, 000, 732. 11	\$104, 467. 56	980, 777. 30	9, 608. 11	\$10, 346. 70
Nebraska-Wyoming: North Platte-----	98, 702. 44	251, 626. 31	70, 351. 65	199, 460. 41	44, 006. 37	8, 159. 53
Nevada: Newlands-----	15, 995. 65	232, 443. 96	15, 843. 53	205, 595. 95	25, 505. 75	1, 342. 26
New Mexico-Texas: Rio Grande-----		2, 243. 33		2, 243. 33		
North Dakota: Williston-----	27, 353. 90	483, 920. 58	30, 829. 10	483, 920. 58		
Oregon-California: Klamath-----	175. 75	7, 872. 93	175. 75	7, 872. 93		
Utah: Strawberry Valley-----	29, 464. 51	206, 797. 61	29, 957. 97	203, 156. 70		3, 640. 91
Washington:						
Okanogan-----		1, 754. 71		1, 754. 71		
Yakima-----		3, 635. 33		3, 635. 33		
Wyoming:						
Riverton-----	10, 861. 87	14, 788. 78	11, 057. 76	14, 058. 55		730. 23
Shoshone-----	11, 660. 63	35, 750. 88	11, 316. 11	34, 645. 38	16. 00	1, 089. 50
Total-----	293, 852. 30	3, 385, 343. 57	273, 999. 43	3, 231, 956. 81	128, 077. 63	25, 309. 13

¹ Other credits for year \$32,634.42. For details see project statements.

TABLE 14.—*Accounts receivable, rentals of grazing and farming lands*

State and project	Due		Collected			Uncollected June 30, 1926
	Fiscal year 1926	To June 30, 1926	Cash		Other credits to June 30, 1926	
			Fiscal year 1926	To June 30, 1926		
Arizona: Salt River-----		\$19,373.14		\$19,373.14		
Arizona-California: Yuma-----	\$3,164.03	20,139.65	\$3,274.55	19,977.00		\$162.65
California: Orland-----	¹ 8,171.78	8,251.28	¹ 7,571.78	7,651.28		600.00
Colorado:						
Grand Valley-----	80.00	424.00	80.00	374.00	\$7.50	42.50
Uncompahgre-----	71.90	314.35	71.90	314.35		
Idaho:						
Boise-----	² 1,893.25	19,657.75	² 1,301.70	19,559.30		98.45
Minidoka-----	401.09	35,539.94	441.11	31,475.10		4,064.84
Montana:						
Huntley-----	1,142.32	14,770.10	1,174.87	14,320.93		449.17
Milk River-----	4,352.91	39,081.14	4,357.91	38,662.49	38.88	379.77
Sun River-----	5,327.01	42,756.11	5,489.28	39,822.96		2,933.15
Montana-North Dakota:						
Lower Yellowstone-----	290.00	3,567.63	217.70	3,495.33		72.30
Nebraska-Wyoming: North Platte-----	6,994.90	96,775.60	7,133.80	91,995.63	72.31	4,707.66
Nevada: Newlands-----	2,295.23	37,746.05	4,663.26	36,917.70		828.35
New Mexico: Carlsbad-----	674.03	14,316.45	762.03	13,755.45		561.00
New Mexico-Texas: Rio Grande-----	466.58	2,578.28	515.08	2,578.28		
North Dakota:						
Buford-Trenton-----		423.93		423.93		
Williston-----		249.98		249.98		
Oregon: Umatilla-----	357.15	2,897.90	508.15	2,825.90		72.00
Oregon-California: Klamath-----	34,968.27	236,717.72	34,134.85	235,800.30	84.00	833.42
South Dakota: Belle Fourche-----	369.17	1,356.28	329.17	1,214.68		141.60
Utah: Strawberry Valley-----	20,880.50	187,631.56	20,880.50	187,631.56		
Washington:						
Okanogan-----	9.00	865.50	9.00	865.50		
Yakima-----	2,099.55	27,131.24	2,150.75	26,971.24		160.00
Yakima-Kittitas-----	³ 7,344.42	7,344.42	³ 7,344.42	7,344.42		
Wyoming: Shoshone-----	1,038.80	11,666.91	1,038.80	11,435.91		231.00
Secondary projects-----	7,855.88	182,778.14	7,832.41	139,836.20	42,497.67	444.27
Total-----	106,461.27	1,014,355.05	108,679.62	954,872.56	⁴ 42,700.36	16,782.13

¹ Takes into account rentals of purchased lands not previously reported. Actual business for year: Accruals, \$664.78; collections, \$64.78.

² Contra.

³ Transferred from secondary.

⁴ Other credits for year, \$72.31. For details see project statements.

TABLE 15.—*Accounts receivable, miscellaneous and sundry*

State and project	Amount	State and project	Amount
Arizona: Yuma auxiliary	\$23.95	New Mexico: Carlsbad	\$99.57
Arizona-California: Yuma	3,277.90	New Mexico-Texas: Rio Grande	20,896.35
Colorado:		Oregon: Umatilla	1,247.37
Grand Valley	6,032.17	Oregon-California: Klamath	946.20
Uncompahgre	5,023.24	South Dakota: Belle Fourche	13,965.25
Idaho:		Utah: Strawberry Valley	3,154.47
American Falls	2,781.28	Washington:	
Boise	57,191.33	Okanogan	2,417.69
King Hill	43.49	Yakima	6,726.20
Minidoka	1,803.35	Wyoming:	
Montana:		Riverton	2,039.72
Huntley	20.00	Shoshone	27,749.01
Milk River	470.25	Secondary projects	31,920.54
Sun River	1,401.48	Washington office	1,261.06
Montana-North Dakota: Lower Yellowstone	17.75	Denver office	17,376.63
Nebraska-Wyoming: North Platte	139,033.42	Field legal	5,170.51
Nevada: Newlands	1,476.83	Total	353,567.01

TABLE 16.—*Voucher transactions, all funds and net investments, as of June 30, 1926*

State and project	Expenditures ¹		Collections ²		Net investment	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Arizona:						
Salt River.....		\$14, 671, 484. 24	\$670, 842. 15	\$7, 210, 775. 38	\$670, 842. 15	\$7, 460, 708. 86
Yuma auxiliary.....	\$67, 278. 28	879, 253. 88	26, 384. 14	856, 657. 47	40, 894. 14	22, 596. 41
Arizona-California: Yuma	563, 179. 83	13, 549, 926. 68	641, 643. 81	5, 138, 343. 01	3 78, 463. 98	8, 411, 583. 67
California: Orland.....	55, 412. 30	1, 613, 269. 84	122, 188. 19	892, 173. 94	3 66, 775. 89	721, 095. 90
Colorado:						
Grand Valley.....	161, 597. 99	5, 359, 021. 89	76, 997. 35	520, 448. 41	84, 600. 64	4, 838, 573. 48
Uncompahgre.....	125, 906. 29	8, 525, 663. 77	289, 254. 16	1, 926, 259. 05	3 163, 347. 87	6, 599, 404. 72
Idaho:						
American Falls.....	2, 418, 347. 26	6, 247, 340. 04	986, 973. 42	3, 710, 630. 44	1, 431, 373. 84	2, 536, 709. 60
Boise.....	473, 342. 88	18, 501, 347. 54	280, 413. 06	5, 525, 591. 74	192, 929. 82	12, 975, 755. 80
King Hill.....	23, 466. 28	2, 109, 031. 50	987. 93	128, 811. 19	22, 478. 35	1, 950, 220. 31
Minidoka.....	164, 506. 32	9, 151, 738. 62	513, 005. 21	6, 119, 712. 40	3 348, 498. 89	3, 032, 026. 22
Kansas: Garden City.....		390, 495. 54		58, 002. 27		332, 493. 27
Montana:						
Huntley.....	31, 229. 45	2, 514, 917. 75	72, 351. 16	952, 937. 26	3 41, 121. 71	1, 561, 980. 49
Milk River.....	160, 719. 70	7, 572, 031. 03	25, 818. 61	441, 010. 54	134, 901. 09	7, 131, 020. 49
Sun River.....	52, 046. 96	4, 980, 804. 60	50, 142. 21	559, 845. 15	1, 904. 75	4, 420, 959. 45
Montana-North Dakota:						
Lower Yellowstone.....	57, 536. 68	4, 282, 997. 64	86, 251. 84	428, 756. 79	3 28, 715. 16	3, 854, 240. 85
Nebraska-Wyoming:						
North Platte.....	1, 358, 779. 92	21, 393, 457. 79	341, 117. 12	4, 686, 798. 65	1, 017, 662. 80	16, 706, 659. 14
Nevada: Newlands.....	127, 885. 33	9, 283, 939. 64	210, 305. 22	2, 140, 017. 07	3 82, 419. 89	7, 143, 922. 57
New Mexico:						
Carlsbad.....	75, 440. 23	2, 127, 978. 52	92, 959. 75	1, 291, 445. 53	3 17, 519. 52	836, 532. 99
Hondo.....		406, 744. 36		34, 841. 70		371, 902. 66
New Mexico-Texas: Rio Grande	599, 911. 38	17, 070, 459. 19	572, 359. 01	3, 634, 599. 68	27, 552. 37	13, 435, 859. 51
North Dakota:						
Buford-Trenton.....	3 14. 60	311, 175. 00	165. 00	17, 873. 93	3 179. 60	293, 301. 07
Williston.....	26, 459. 90	1, 420, 323. 06	45, 550. 56	562, 946. 43	3 19, 090. 66	857, 376. 63
Oregon:						
Baker.....	350. 74	59, 551. 57		879. 29	350. 74	58, 672. 28
Umatilla.....	606, 113. 61	5, 854, 644. 99	29, 787. 00	991, 899. 92	576, 326. 61	4, 862, 745. 07
Vale.....	17, 475. 06	17, 544. 01	. 33	. 33	17, 474. 73	17, 543. 68
Oregon-California: Klamath	222, 560. 58	6, 163, 509. 80	160, 461. 23	1, 723, 010. 08	62, 099. 35	4, 440, 499. 72
Oregon-Idaho: Owyhee	19, 864. 31	24, 271. 41			19, 864. 31	24, 271. 41
South Dakota: Belle Fourche	60, 437. 00	4, 805, 147. 22	47, 004. 64	1, 143, 294. 44	13, 432. 36	3, 661, 852. 78
Utah:						
Salt Lake Basin.....	26, 255. 49	35, 112. 71			26, 255. 49	35, 112. 71
Strawberry Valley.....	42, 042. 08	4, 313, 850. 81	200, 552. 76	1, 652, 796. 34	3 158, 510. 68	2, 661, 054. 47
Washington:						
Okanogan.....	76, 905. 95	2, 036, 901. 55	61, 728. 82	561, 398. 92	15, 177. 13	1, 475, 502. 63
Yakima.....	226, 664. 23	18, 036, 499. 54	801, 089. 27	8, 083, 976. 56	3 574, 425. 04	9, 952, 522. 98
Yakima-Kittitas.....	181, 884. 48	181, 884. 48	31, 002. 84	31, 002. 84	150, 881. 64	150, 881. 64
Wyoming:						
Riverton.....	482, 740. 82	3, 427, 107. 01	25, 537. 97	77, 901. 92	457, 202. 85	3, 349, 205. 09
Shoshone.....	148, 029. 98	10, 340, 014. 37	101, 881. 83	1, 485, 373. 55	46, 148. 15	8, 854, 640. 82
Secondary	93, 697. 64	2, 270, 709. 18	58, 058. 89	713, 988. 86	35, 638. 75	1, 556, 720. 32
Denver office (net not transferred to projects) ⁴	3 527. 27	232, 567. 57	1, 974. 36	179, 564. 43	3 2, 501. 63	53, 003. 14
Field legal (net not transferred to projects) ⁴	3 935. 53	8, 725. 96	40. 63	7, 434. 75	3 976. 16	1, 291. 21
Washington office (net not transferred to projects) ⁴	147, 210. 45	503, 652. 86	2, 207. 96	333, 079. 55	145, 002. 49	170, 573. 31
Adjustment surveys, subsection K.....	44, 151. 19	85, 464. 58			44, 151. 19	85, 464. 58
Indian projects ⁵		2, 997, 829. 24		2, 997, 829. 24		

¹ Expenditures from following funds: Reclamation fund; increase of compensation; judgments, Court of Claims; Rio Grande Dam appropriation; Wind River Indian (Riverton); drainage and cut-over; general investigations, Reclamation Service, 1923-Dec. 31, 1924; and Yuma auxiliary fund. (See Table 17.) Amounts given for each project include net transfers (transfers from other projects less transfers to other projects).

² Collections creditable to increase of compensation, Rio Grande Dam appropriation, Wind River Indian (Riverton), drainage and cut-over, and general investigations, Reclamation Service, 1923-Dec. 31, 1924, are included in the expenditure column as contra.

³ Decrease.

⁴ For analysis, see Table 18.

⁵ Expended for Bureau of Indian Affairs from reclamation fund and later reimbursed by congressional appropriation.

TABLE 16.—*Voucher transactions, all funds and net investments, as of June 30, 1926—Continued*

State and project	Expenditures		Collections		Net investment	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Civil-service retirement fund (unabsorbed) ⁶	\$2,007. 22	\$4,922. 02	-----	-----	\$2,007. 22	\$4,922. 02
Drainage and cut-over.....		100,544. 02	-----	-----		100,544. 02
General investigations.....	³ 33,822. 34	262,675. 19	-----	\$26,103. 30	³ 33,822. 34	236,571. 89
Total.....	8,906,138. 07	214,126,532. 21	\$6,627,038. 43	66,848,012. 35	2,279,099. 64	147,278,519. 86

³ Decrease.⁶ Analysis of civil-service retirement fund:

Transferred from reclamation fund to civil-service retirement fund..... \$143,785. 00
Deducted from pay of employees..... 138,862. 98

Unabsorbed balance..... 4,922. 02

TABLE 17.—*Voucher transactions, all funds and net investment, as of June 30, 1926; analysis by funds*

Item	Expenditures		Collections		Net investment	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Reclamation fund.....	\$8,903,442. 74	\$208,217,323.09	\$6,600,699. 29	\$65,991,399.88	\$2,302,743. 45	\$142,225,923. 21
Increase of compensation (net).....	. 66	2,797,960. 33	-----	-----	. 66	2,797,960. 33
Judgments, Court of Claims.....	2,525. 04	597,461. 24	-----	-----	2,525. 04	597,461. 24
Rio Grande Dam appropriation (net).....		1,000,000. 00	-----	-----		1,000,000. 00
Wind River Indian (Riverton) (net).....		359,176. 04	-----	-----		359,176. 04
General investigations, Reclamation Service, 1923-Dec. 31, 1924, fund (net).....	37. 77	266,235. 16	-----	-----	37. 77	266,235. 16
Yuma auxiliary project fund.....	131. 86	788,561. 27	26,339. 14	856,612. 47	¹ 26,207. 28	¹ 68,051. 20
Drainage and cut-over fund (net).....		99,815. 08	-----	-----		99,815. 08
Total.....	8,906,138. 07	214,126,532. 21	6,627,038. 43	66,848,012. 35	2,279,099. 64	147,278,519. 86

¹ Contra.TABLE 18.—*Analysis of voucher transactions and net investment, general offices, as of June 30, 1926*

Item	Denver		Field legal		Washington	
	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926	Fiscal year 1926	To June 30, 1926
Reclamation fund disbursements.....	\$185,238. 93	\$1,942,009. 03	\$50,806. 75	\$638,626. 56	\$166,173. 16	\$5,513,506. 07
Less:						
Net transfers.....	185,766. 20	1,709,441. 46	51,742. 28	629,900. 60	18,962. 71	5,009,853. 21
Collections.....	1,974. 36	179,564. 43	40. 63	7,434. 75	2,207. 96	333,079. 55
Total.....	187,740. 56	1,889,005. 89	51,782. 91	637,335. 35	21,170. 67	5,342,932. 76
Net investment.....	¹ 2,501. 63	53,003. 14	¹ 976. 16	1,291. 21	145,002. 49	170,573. 31

¹ Contra.

TABLE 19.—*Appropriations, by projects, for the fiscal year 1926, increases and decreases authorized, expenditures and liabilities, and balances unencumbered*

State	Project	Appropriation acts	10 per cent increases and decreases	Contributed funds	Total authorized	Expenditures	Balance unexpended	Liabilities	Balance unencumbered
Arizona	Salt River	\$5,000.00			\$5,000.00		\$5,000.00		\$5,000.00
Do.	Yuma-auxiliary	186,659.73			186,659.73	\$73,594.06	113,065.67	\$8,583.07	104,482.60
Arizona-California	Yuma	703,169.00			703,169.00	481,721.66	221,447.34	79,881.04	148,596.30
California	Oland	84,000.00			84,000.00	50,886.81	33,113.19	27,092.34	6,320.85
Colorado	Grand Valley	278,000.00			281,000.00	113,604.25	137,335.75	7,946.92	129,388.83
Do.	Uncompargue	163,000.00	1 \$27,000.00		163,000.00	128,753.82	34,246.18	11,230.60	23,015.58
Idaho	American Falls	627,000.00		\$2,240,688.18	2,867,688.18	1,859,975.05	1,007,713.13	726,756.87	281,956.26
Do.	Boise	550,000.00			550,000.00	396,997.53	153,002.47	7,841.13	145,161.34
Do.	King Hill	35,600.00			34,500.00	21,452.24	13,047.76	300.75	12,747.01
Do.	Minidoka	170,000.00	1 500.00		205,000.00	142,054.56	62,945.44	22,274.90	40,670.54
Do.	Huntley	118,000.00	35,000.00		153,000.00	28,704.31	89,295.69	4,716.66	84,573.03
Montana	Milk River	76,000.00			76,000.00	53,026.38	22,973.62	10,574.29	12,399.33
Do.	Sun River	611,000.00		25.70	611,025.70	48,635.62	562,390.08	5,254.12	557,135.96
Montana-North Dakota	Lower Yellowstone	180,000.00			180,000.00	51,289.85	128,710.15	5,760.44	122,949.71
Nebraska-Wyoming	North Platte	1,607,133.90		41,777.57	1,699,911.47	1,222,733.26	477,178.21	312,376.46	164,801.75
Nevada	Newlands	912,000.00	51,000.00		912,000.00	124,056.26	787,943.74	13,055.89	774,887.85
New Mexico	Carlsbad	70,000.00			70,000.00	64,702.86	5,297.14	2,188.24	3,108.90
New Mexico-Texas	Rio Grande	650,000.00		19,766.90	669,766.90	566,576.70	103,190.20	86,966.74	16,223.46
North Dakota	Williston	25,000.00			25,000.00	23,242.79	1,757.21	145.50	1,611.71
Oregon	Umatilla	490,832.50			490,832.50	333.69	490,518.81		490,518.81
Do.	Vale	840,000.00			840,000.00	548,816.48	291,183.52	110,678.28	180,504.24
Do.	Klamath	561,000.00			561,000.00	17,493.27	482,506.73		482,506.73
Oregon-California	Owyhee	310,496.84			310,496.84	149,752.53	41,247.47	11,414.30	399,833.17
Oregon-Idaho	Belle Fourche	165,000.00			20,008.03	290,488.81	290,488.81	28.31	290,460.50
South Dakota	Salt Lake Basin	1,263,066.75			54,959.20	110,040.80	110,040.80	9,896.46	1,239,883.98
Utah	Strawberry Valley	38,000.00	500.00		38,500.00	37,474.87	2,025.13	521.23	1,503.90
Do.	Okanogan	70,000.00		9,500.00	79,500.00	69,578.12	9,921.88	6,690.14	3,261.74
Washington	Yakima	295,000.00			305,000.00	277,964.58	27,035.42	15,580.42	11,455.00
Do.	Yakima-Kittitas	2,790,000.00	10,000.00		2,750,000.00	36,654.10	2,713,345.90	6,713.82	2,706,632.08
Do.	Riverton	414,000.00	1 35,000.00		755,000.00	539,344.72	215,655.28	61,275.24	154,380.04
Wyoming	Shoshone	109,325.29	1 34,000.00		380,000.00	124,999.56	255,000.44	11,372.82	243,627.62
Do.	Adjustment surveys, subsection K.	60,000.00			109,325.29	46,416.06	62,909.23	97.38	62,811.85
Do.	Secondary			9,457.50	69,457.50	44,669.01	24,788.49	1,940.76	22,847.73
Total		\$15,708,704.01		2,321,215.85	18,029,919.86	7,441,948.84	10,587,971.02	1,562,592.26	9,025,378.76

¹ Decrease.² Appropriations as follows:

Act of Jan. 20, 1925 (43 Stat. 755), unexpended balance.

Act of Mar. 3, 1925 (43 Stat. 1165-1171).

Act of Mar. 3, 1925 (43 Stat. 1166-1171), unexpended balances.

Total \$109,325.29

\$9,999,000.00

2,805,585.09

² Appropriations as follows—Continued.

Act of Mar. 4, 1925 (43 Stat. 1330-1331), unexpended balances.

Act of Mar. 3, 1926 (44 Stat. —)

Total

\$472,659.73

2,322,133.90

15,708,704.01

ENGINEERING DATA FOR PROJECTS ON COMPLETION

[The following tables of data for projects on completion, covering reservoirs, storage dams, diversion dams, and irrigable area, are necessarily subject to some revision as the projects develop and more detailed plans are prepared. In so far as they refer to works yet to be built or areas not yet covered by canals they are not to be taken as guaranteeing that such work will ever be done. All future work depends on appropriations therefor by Congress]

Engineering data for projects when completed

RESERVOIRS

Projects	Name	Area	Capacity	Spillway			
				Length	Elevation above stream bed	Capacity	
						Normal	Maximum
		<i>Acres</i>	<i>Acre-feet</i>	<i>Feet</i>	<i>Feet</i>	<i>Sec.-ft.</i>	<i>Sec.-ft.</i>
Arizona: Salt River	Roosevelt	18,300	1,637,300	377	240	113,000	150,000
Do	Mormon Flat	1,000	63,200	243	159	-----	150,000
Do	Horse Mesa	2,800	264,000	243	272	-----	150,000
Do	Cave Creek flood control.	760	14,000	1,732	59	20,000	60,000
California: Orland	East Park	1,850	51,000	415	88	8,000	12,000
Colorado: Uncompahgre	Taylor Park	2,260	106,000	(1)	(1)	(1)	(1)
Idaho:							
Boise	Deer Flat	9,835	177,000	None.	-----	-----	-----
Do	Arrowrock	2,860	280,000	402	247	15,000	40,000
Minidoka	Lake Walcott	11,850	2 150,000	2,385	42	40,000	60,000
Do	Jackson Lake	25,540	847,000	160	41	7,500	13,000
Do	American Falls	56,500	3 1,700,000	540	50	60,000	115,000
Montana:							
Milk River	Sherburne Lakes	2,000	78,000	160	68	4 200	8,000
Do	St. Mary Lakes	6,910	124,000	500	-----	20,500	20,000
Do	Nelson Reservoir	4,560	68,500	(5)	6 23	-----	-----
Do	Point of Rocks	180	830	740	8	4 0	700
Do	Chain Lakes	9,400	244,000	6 300	58	4 300	10,000
Sun River	Willow Creek	1,650	16,700	50	62.5	-----	2,000
Do	Gibson Creek	1,360	105,000	314	170	-----	50,000
Do	Pishkun	415	3,523	Under control.		-----	-----
Do	Muddy Creek	1,828	33,000	Under control.		80	(1)
Do	Benton Lake	9,300	144,000	Under control.		284	-----
Nebraska-Wyoming:							
North Platte	Pathfinder	22,700	1,070,000	605	184	40,000	-----
Do	Lake Alice	900	11,400	100	18	2,500	-----
Do	Lake Minatare	2,240	60,760	100	55	2,000	-----
Do	Winters Creek Lake	360	3,000	None.	-----	-----	-----
Do	Guernsey	2,336	72,700	7 50	45	-----	50,000
				8 128	95	-----	30,000
Nevada: Newlands	Lake Tahoe	120,000	120,000	85	6	2,500	-----
Do	Lahontan	10,000	9 273,600	500	112	18,800	30,000
Do	Spanish Springs	5,600	150,000	80	89	1,600	1,600
New Mexico: Carlsbad	Avalon	970	7,000	1,026	21	86,000	120,000
Do	McMillan	6,600	45,000	1,750	26.1-24.9	34,500	60,000
New Mexico-Texas: Rio Grande	Elephant Butte	40,080	2,638,000	275	193	8,000	16,000
Oregon: Umatilla	Cold Springs	1,500	50,000	330	90	6,000	6,000
Do	McKay	1,600	75,000	120	140	10,000	10,000
Oregon-California: Klamath	Upper Klamath Lake	60,000	400,000	None.	-----	-----	-----
Do	Clear Lake	25,000	462,000	357	24	10,000	30,000
Do	Gerber	3,800	94,000	150	63	-----	10,000
South Dakota: Belle Fourche	Belle Fourche	8,010	203,000	314	100	2,000	2,000
Utah: Strawberry Valley	Strawberry Valley	8,370	255,000	58	61	500	2,000
Washington:							
Okanogan	Salmon Lake	240	10,500	Siphon.	48	-----	400
Do	Conconully	460	14,400	180	58	4,500	16,000

¹ Undetermined.

² 95,180 acre-feet only available; above fixed crest of spillway.

³ Contract for smaller dam, with provision for increasing height if desired.

⁴ Average flow of stream on which reservoir is located.

⁵ No spillway; drainage limited; elevation is that of water surface.

⁶ Consists of 8 siphons each 5 feet high and 10 feet wide at throat.

⁷ One 50 by 50 foot Stoney gate; gate sill 45 feet above river bed.

⁸ Two 64 by 14½ foot drum gates; top elevation 95 feet above river bed.

⁹ At spillway level. Proposed to increase to 230,000 by adding 2 feet by movable crest.

Engineering data for projects when completed—Continued

RESERVOIRS—Continued

Projects	Name	Area	Capacity	Spillway			
				Length	Elevation above stream bed	Capacity	
		<i>Acres</i>	<i>Acre-feet</i>	<i>Feet</i>	<i>Feet</i>	<i>Sec.-ft.</i>	<i>Maximum</i>
Washington—Contd.							
Yakima.....	Bumping Lake.....	1,300	34,000	235	36	-----	6,000
Do.....	Lake Clealum.....	4,680	501,000	420	112	-----	18,000
Do.....	Lake Kachess.....	4,540	210,000	250	53	-----	7,200
Do.....	Tieton.....	2,500	202,500	390	206	-----	50,000
Do.....	Lake Keechelus.....	2,550	152,000	300	60	-----	10,000
Do.....	Clear Creek.....	270	5,830	261	58	-----	-----
Wyoming:							
Riverton.....	Pilot Butte.....	882	30,000	100	-----	-----	500
Do.....	Bull Lake.....	3,100	145,000	170	67	4,000	8,000
Shoshone.....	Shoshone.....	6,600	456,600	300	233	11,000	30,000
Do.....	Ralston.....	200	2,100	-----	-----	-----	-----
Do.....	Deaver.....	80	630	None.	-----	-----	-----
Total.....		518,026	13,862,123	-----	-----	-----	-----

STORAGE DAMS

Projects	Name	Type	Maximum height	Crest length	Volume
			<i>Feet</i>	<i>Feet</i>	<i>Cubic yds.</i>
Arizona: Salt River..	Roosevelt ¹⁰	Rubble masonry arch, gravity.	284	1,125	342,325
Do.....	Mormon Flat ¹⁰	Concrete, variable radius arch.	225	664	43,500
Do.....	Horse Mesa.....	do.....	311	764	126,000
Do.....	Cave Creek flood control. ¹⁰	Reinforced concrete multiple arch.	109	1,732	18,774
California: Orland..	East Park ¹⁰	Concrete arch, gravity.....	139	250	12,200
Colorado: Uncolomahgre.	Taylor Park.....	Undetermined.....	(¹¹)	(¹¹)	(¹¹)
Idaho:					
Boise.....	Upper Deer Flat ¹⁰	Earth fill.....	70	4,000	1,190,275
Do.....	Lower Deer Flat ¹⁰	do.....	40	7,200	1,207,606
Do.....	Deer Flat Forest ¹⁰	do.....	16	950	22,500
Do.....	Arrowrock ¹⁰	Rubble concrete arch, gravity.	349	1,100	585,130
Minidoka.....	Minidoka ¹⁰	Rock fill, concrete core.....	86	937	242,500
Do.....	Jackson Lake ¹⁰	Massive concrete gate section and earth fill.	67	4,450	345,400
Do.....	American Falls.....	{ Concrete gravity.....	³ 87	3,100	170,000
		{ Earth embankment.....	75	1,900	150,000
Montana:					
Milk River.....	Sherburne Lakes ¹²	do.....	83	1,133	201,500
Do.....	St. Mary Lakes.....	do.....	30	2,000	135,000
Do.....	Nelson ¹⁰	do.....	28	9,900	175,000
Do.....	Point of Rocks ¹⁰	do.....	12.5	2,680	31,000
Do.....	Connolly.....	do.....	68	3,125	2,019,000
Do.....	Willow Creek.....	Earth fill.....	72.5	525	196,400
Do.....	Gibson.....	Concrete arch.....	205	882	160,000
Do.....	Pishkun.....	Earth fill.....	19	2,270	28,474
Do.....	Muddy Creek.....	do.....	90	800	440,000
Do.....	Benton Lake.....	do.....	40	240	12,000
Nebraska-Wyoming:	Pathfinder ¹⁰	Broken range masonry arch.	218	432	60,210
North Platte.					
Do.....	Pathfinder Dike ¹⁰	Earth fill.....	40	1,650	152,000
Do.....	Upper Lake Alice ¹⁰	do.....	30	3,100	240,000
Do.....	Lower Lake Alice ¹⁰	do.....	23	2,550	119,000
Do.....	Minatare ¹⁰	do.....	65	3,700	570,000
Do.....	Guernsey.....	Earth and rock fill.....	97	575	332,000

³ Contract for smaller dam, with provision for increasing height if desired.¹⁰ Completed.¹¹ Not designed.¹² Completed except permanent spillway.

Engineering data for projects when completed—Continued

STORAGE DAMS—Continued

Projects	Name	Type	Maximum height	Crest length	Volume
			<i>Feet</i>	<i>Feet</i>	<i>Cubic yds.</i>
Nevada: Newlands	Lake Tahoe ¹⁰	Concrete sluiceway regulator	14	109	425
Do	Lohontan ¹⁰	Earth and gravel fill with concrete spillways.	124	1,400	770,000
Do	Spanish Springs	do	99	2,590	1,227,000
New Mexico: Carlisbad	Avalon ¹⁰	Earth and rock fill, concrete core.	50	1,380	168,773
Do	McMillan ¹⁰	Earth and rock fill	55	2,070	150,744
New-Mexico-Texas: Rio Grande	Elephant Butte ¹⁰	Rubble concrete, gravity	306	1,155	1,605,200
Do	Elephant Butte Dike ¹⁰	Earth rock and fill	42	2,000	179,000
Oregon: Umatilla	Cold Springs ¹⁰	do	98	3,800	789,500
Do	McKay	Earth and gravel fill	160	2,600	2,300,000
Oregon: California: Klamath	Clear Lake ¹⁰	Rock fill	33	790	56,600
Do	Link River ¹⁰	Concrete	22	435	2,200
Do	Gerber ¹⁰	Concrete arch	85	478	11,900
South Dakota: Belle Fourche	Belle Fourche ¹⁰	Earth fill	122	6,200	1,600,000
Utah: Strawberry Valley	Indian Creek Dike ¹⁰	Earth fill, reinforced concrete	37	1,311	101,107
Do	Strawberry Dam ¹⁰	Earth fill, reinforced concrete core wall.	72	488	108,415
Washington: Okanogan	Salmon Lake ¹⁰	Earth embankment	40	1,260	194,288
Do	Conconully ¹⁰	Hydraulic earth fill	67	1,000	354,242
Yakima	Bumping Lake ¹⁰	Earth fill	45	3,425	247,700
Do	Lake Cle Elum ¹⁵	Earth and gravel fill	125	700	462,000
Do	Lake Kachess ¹⁰	do	63	1,400	193,300
Do	Tieton	Earth and rock fill, concrete-core wall.	222	905	1,995,000
Do	Lake Keechelus ¹⁰	Earth and gravel fill	70	6,500	639,000
Do	Clear Creek ¹⁰	Single concrete arch	84	404	4,100
Wyoming: Riverton	Pilot Butte No. 1 ¹²	Earth embankment	40	1,350	133,900
Do	Pilot Butte No. 2 ¹³	do	24	1,150	50,500
Do	Pilot Butte No. 3 ¹³	do	12	3,400	19,200
Do	Bull Lake	do	75	3,300	600,000
Shoshone	Shoshone ¹⁰	Rubble concrete arch	328	200	78,576
Do	Ralston ¹⁰	Earth fill	50	2,200	24,740
Do	Deaver	do	14	1,300	30,300
Total					22,425,504

DIVERSION DAMS

			<i>Feet</i>	<i>Feet</i>	<i>Cubic yds.</i>
Arizona: Salt River	Granite Reef ¹⁰	Rubble concrete weir	38	1,000	40,000
Do	Power Canal ¹⁰	do	123½	400	4,800
Do	Joint Head ¹³	Concrete weir	10	600	1,740
Arizona - California: Yuma	Laguna ¹³	Indian weir, concrete and rock fill. ¹⁶	19	4,780	441,732
California: Orland	South Canal ¹⁰	Concrete on piling, with rock fill.	20	900	2,886
Do	North side ¹⁰	Concrete weir, with removable timber crest.	8	360	270
Do	East Park Feed Canal. ¹⁰	Concrete arch	44	154	1,777
Colorado: Grand Valley	Colorado River Diversion. ¹⁰	Masonry oggee weir with roller crest 10 to 15 feet high.	24	546	25,682
Uncompahgre	Gunnison ¹⁰	Crib with rock fill and movable flashboards.	15¾	237	3,200
Do	Montröse and Delta ¹⁰	Timber weir with concrete apron sluiceway and cut-off wall.	6.8	68½	172
Do	Loutsenhizer ¹⁰	Pile and timber weir	8	100	-----
Do	Selig ¹⁰	Pile and timber weir with concrete sump.	6	95½	205
Do	Ironstone ¹⁰	Pile foundation with timber deck and needle flashboards.	8½	58½	-----

¹⁰ Completed.¹³ Including spillway and approaches, 1,675 feet.¹⁴ Including spillway, 619,000 cubic yards.¹⁵ Present development, rock-fill timber crib; height, 11 feet; volume, 1,500 cubic yards.¹⁶ Maximum height 40 feet from bottom of sheet piling to top of dam; water raised 10 feet.

Engineering data for projects when completed—Continued

DIVERSION DAMS—Continued

Projects	Name	Type	Maximum height	Crest length	Volume
Colorado—Contd. Uncompahgre.	East ¹⁰	Pile and timber weirs, movable flashboards.	<i>Feet</i> (17)	<i>Feet</i> 144	<i>Cubic yds.</i>
Do.....	Garnet ¹⁰	Rock baskets, faced and surfaced with concrete.	6½	75	500
Idaho:					
Boise.....	Boise River ¹⁰	Rubble concrete weir.....	45	18 246	21, 750
Do.....	Black Canyon ¹⁰	Concrete masonry.....	183	1, 040	79, 844
Minidoka.....	Minidoka ¹⁰	Combined diversion and storage dam. (See Storage.)			
Montana:					
Milk River.....	Swift Current ¹⁰	Earth and timber crib.....	13	2, 800	86, 700
Do.....	St. Mary ¹⁰	Concrete.....	6. 5	198	480
Do.....	Chinook ¹⁹				
Do.....	Dodson ¹⁰	Timber crib rock filled, concrete abutments, movable crest.	25	319	12, 000
Do.....	Vandalia ¹⁰	Reinforced concrete, automatic movable crest.	34	1, 500	11, 000
Sun River.....	Sun River ¹⁰	Concrete masonry.....	132	212	6, 200
Montana-North Dakota: Lower Yellowstone.	Lower Yellowstone ¹⁰	Rock-filled, timber weir.....	12	700	14, 500
Nebraska-Wyoming: North Platte.	Whalen ¹⁰	Concrete weir.....	29	300	80, 740
Do.....	Horse Creek ¹⁰	do.....	12	100	220
Nevada: Newlands.	Truckee River ¹⁰	16 concrete sluiceways.....	22	171	3, 322
Do.....	Carson River ¹⁰	23 concrete sluiceways.....	20	240	2, 707
Do.....	Spanish Springs.....	Concrete overflow.....	22	250	2, 140
New Mexico: Carlsbad.	Avalon ¹⁰	Combined storage and diversion. (See Storage.)			
New Mexico-Texas: Rio Grande.	Leasburg ¹⁰	Rubble concrete weir.....	10. 8	600	2, 413
Do.....	Mesilla ¹⁰	do.....	16. 7	303	2, 876
Do.....	Mexican ²⁰	Rubble masonry.....	4. 7	320	1, 200
Do.....	Percha ¹⁰	Rubble concrete.....	17	350	4, 346
Oregon: Umatilla.	Feed Canal (Echo) ¹⁰	Concrete weir on timber crib.....	2½	400	296
Do.....	Maxwell Canal ¹⁰	do.....	2. 3	175	43
Do.....	Three-Mile Falls ¹⁰	Concrete multiple arch.....	24	800	4, 160
Oregon - California: Klamath.	Lost River ¹⁰	Hollow reinforced concrete.....	40	290	5, 550
Do.....	Lower Lost River ¹⁰	Reinforced concrete.....	15	204	625
Do.....	Malone ¹⁰	Earth, with concrete spillway.	30	515	18, 500
Do.....	Miller ¹⁰	do.....	12	290	1, 000
South Dakota: Belle Fourche.	Diversion ¹⁰	Concrete weir.....	23	400	12, 149
Utah: Strawberry Valley.	Spanish Fork ¹⁰	do.....	17	40	1, 262
Do.....	Indian Creek Crossing ¹⁰	Earth.....	17	1, 300	15, 183
Washington:					
Okanogan.....	Salmon Creek ¹⁰	Concrete weir.....	4½	50	132
Yakima.....	Sunnyside ¹⁰	Concrete ogee weir.....	8½	500	2, 291
Do.....	Tieton Diversion ¹⁰	Concrete and rock-filled crib.....	3	110	334
Do.....	Kittitas.....	Concrete gravity, with ogee river section.	65	248	5, 500
Wyoming:					
Riverton.....	Wind River ¹⁰	Concrete weir with earth embankment.	37	2, 285	123, 850
Shoshone.....	Corbett ¹⁰	Reinforced concrete weir.....	18	400	4, 951
Do.....	Willwood ¹⁰	Concrete gravity, with ogee weir section.	69. 5	320	22, 119
Total.....					1, 073, 347

¹⁰ Completed.¹⁷ Two weirs, one 6 feet by 72 feet, the other 6 feet 10 inches by 72 feet.¹⁸ Length, including logway.¹⁹ Will be constructed by irrigation districts. No data available as to type and dimensions.²⁰ Constructed by Mexican authorities and used jointly.

Engineering data for projects when completed—Continued

IRRIGABLE AREA, PRESENT STATUS

[Subject to revision after final classification of land]

State, project, and division	Public land			State land unsold	Indian land	Private land		Total
	Entered	Open	With-drawn			Rail-road, unsold	Other	
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Arizona:								
Salt River.....	19,867						216,133	236,000
Gravity system.....	13,412						216,133	229,545
Pumping system.....	6,455							6,455
Arizona-California: Yuma.....	15,416	2,859	34,205		8,215		51,447	112,142
Arizona—								
Valley.....	5,974		1,800				44,450	52,224
Mesa.....	3,460	2,859	31,884				6,797	45,000
California—Reservation.....	5,982		521		8,215		200	14,918
California: Orland—Main.....							²¹ 20,659	²¹ 20,659
Colorado:								
Grand Valley.....	13,530	361	8,494				28,115	50,500
Garfield gravity.....	11,530	361					15,115	32,000
Garfield pumping.....	2,000		3,500				3,000	8,500
Orchard Mesa pump-ing.....							10,000	10,000
Uncompahgre.....	18,498	1,870	674				73,777	94,819
South.....	2,270	359	37				6,177	8,843
West.....	2,167		12				3,942	6,121
Montrose and Delta.....	5,096	80	31				22,572	27,779
Loutsenhizer.....	218	37					6,254	6,509
Selig.....	3,920	793	480				7,265	12,458
Ironstone.....	1,140	176	20				16,340	17,676
East.....	3,679	425	94				8,612	12,810
Garnet.....	8						2,615	2,623
Idaho:								
Boise.....	67,588		5,560	5,980			274,570	353,698
Arrowrock (Idaho).....	66,382			60			203,379	269,821
Arrowrock (Oregon).....	1,206						5,697	6,903
Notus.....							6,874	6,874
Hillcrest.....			2,230				11,870	14,100
Payette.....			3,330	5,920			46,750	56,000
King Hill.....				335			16,553	16,888
Minidoka.....	96,080	639	106,840	8,999			24,016	236,574
Pumping.....	30,258			788			17,914	48,960
Gravity.....	65,822	639		371			5,782	72,614
North side pumping extension.....			106,840	7,840			320	115,000
Montana:								
Huntley.....	26,189		2,592		313		3,432	32,526
Gravity.....	21,248		2,007		313		3,432	27,000
Pumping.....	4,941		585					5,526
Divisions—								
Pryor.....	23,525		1,889		135		2,847	28,396
Eastern.....	925		42		178		585	1,730
Fly Creek.....	1,739		661					2,400
Milk River.....	27,084		9,751	4,309			84,536	125,680
Chinook division.....	171		808	573			42,278	43,830
Malta division.....	20,955		8,523	2,718			27,640	59,836
Glasgow division.....	5,958		420	1,018			14,618	22,014
Sun River.....	38,398	429	33,863	5,119			29,124	106,933
Sun River Slope.....	655		13,341	969			3,213	18,178
Big Coulee.....				356			1,934	2,290
Greenfields.....	22,071		18,768	3,640			20,184	64,663
Mill Coulee.....	4,197		1,543				2,160	7,900
Fort Shaw.....	11,475	429	211	154			1,633	13,902
Montana-North Dakota:								
Lower Yellowstone.....	13,546		2,067	986		95	42,655	59,349
Montana.....	6,899		1,060	846		95	30,128	39,028
North Dakota.....	6,647		1,007	140			12,527	20,321
Divisions—								
Gravity.....	13,286		2,011	704		50	40,990	57,041
Pumping.....	260		56	282		45	1,665	2,308
Nebraska-Wyoming:								
North Platte.....	136,816		11,442	2,045			87,621	237,924
Interstate division.....	83,697		1,143	529			29,264	114,633
Nebraska.....	81,086		1,143	529			28,985	111,743
Wyoming.....	2,611						279	2,890
Fort Laramie division.....	45,691		10,004	1,477			49,903	107,075
Nebraska.....	10,493		5,036	246			38,884	54,059
Wyoming.....	35,198		4,968	1,231			11,019	52,416
Northport division—								
Nebraska.....	7,428		295	39			8,454	16,216

²¹ Includes 320 acres of vested rights and 171 acres of town and school sites.

Engineering data for projects when completed—Continued

IRRIGABLE AREA, PRESENT STATUS—Continued

State, project, and division	Public land			State land unsold	Indian land	Private land		Total
	Entered	Open	With-drawn			Rail-road, unsold	Other	
Nevada:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Newlands	25,315	21	21,965	100	15,377	8,231	44,991	116,000
Carson division	21,550	21	11,912	-----	4,877	2,500	39,140	80,000
Spanish Springs division	3,765	-----	10,053	100	10,500	5,731	5,851	36,000
New Mexico: Carlsbad	45	-----	-----	-----	-----	-----	25,010	25,055
New Mexico-Texas:								
Rio Grande	1,500	100	700	1,000	-----	-----	151,700	155,000
New Mexico	1,500	100	700	1,000	-----	-----	87,700	91,000
Texas	-----	-----	-----	-----	-----	-----	64,000	64,000
Divisions—								
Rincon	-----	20	-----	700	-----	-----	15,900	17,000
Leasburg	600	40	640	200	-----	-----	29,950	31,000
Mesilla	900	40	60	100	-----	-----	45,850	47,000
El Paso	-----	-----	-----	-----	-----	-----	55,000	55,000
Unallocated	-----	-----	-----	-----	-----	-----	5,000	5,000
Oregon:								
Umatilla	5,413	-----	2,376	-----	-----	3,319	17,192	28,300
East division	3,030	-----	-----	-----	-----	1,407	12,563	17,000
West division	2,383	-----	2,376	-----	-----	1,912	4,629	11,300
Oregon-California: Klamath	5,820	-----	20,875	-----	-----	-----	140,682	167,377
Oregon	2,936	-----	1,285	-----	-----	-----	103,134	107,355
California	2,884	-----	19,590	-----	-----	-----	37,548	60,022
Divisions—								
Main	2,732	-----	-----	-----	-----	-----	39,168	41,900
Tule Lake	3,088	-----	20,875	-----	-----	-----	237	24,200
Pumping	-----	-----	-----	-----	-----	-----	20,595	20,595
Langell Valley	-----	-----	-----	-----	-----	-----	20,782	20,782
Bonanza Springs	-----	-----	-----	-----	-----	-----	5,900	5,900
Lower Klamath Lake	-----	-----	-----	-----	-----	-----	22 54,000	22 54,000
South Dakota: Belle Fourche	37,695	37	4,508	2,462	-----	-----	44,063	88,765
Utah: Strawberry Valley	2,003	-----	-----	-----	-----	-----	51,886	53,889
High Line	2,003	-----	-----	-----	-----	-----	19,853	21,856
Spanish Fork	-----	-----	-----	-----	-----	-----	22,033	22,033
Springville-Mapleton	-----	-----	-----	-----	-----	-----	10,000	10,000
Washington:								
Okanogan	116	-----	-----	-----	-----	-----	7,184	7,300
Gravity	-----	-----	-----	-----	-----	-----	-----	6,325
Pumping	-----	-----	-----	-----	-----	-----	-----	1,175
Yakima	7,358	-----	14,231	6,494	241	24,522	288,854	341,700
Sunnyside	2,627	-----	-----	30	241	-----	104,702	107,600
Tieton	2,048	-----	-----	4	-----	-----	29,948	32,000
Kittitas	-----	-----	5,533	1,961	-----	6,729	57,777	72,000
Roza	120	-----	1,523	2,067	-----	11,310	43,330	58,350
Moxee	1,663	-----	775	1,332	-----	2,783	30,197	36,750
Kennewick	900	-----	6,400	1,100	-----	3,700	22,900	35,000
Wyoming:								
Riverton	-----	-----	69,000	-----	1,000	-----	30,000	100,000
Shoshone	51,602	4,154	131,630	17,671	-----	716	8,550	214,323
Montana, Frannie division	86	-----	-----	4	-----	-----	-----	90
Wyoming—								
Garland division	37,542	1,289	478	252	-----	-----	2,362	41,923
Frannie division	13,974	2,865	8,852	315	-----	716	1,188	27,910
Willwood division	-----	-----	14,600	500	-----	-----	500	15,600
Heart Mountain division	-----	-----	33,100	3,200	-----	-----	2,500	38,800
Oregon Basin division	-----	-----	74,600	13,400	-----	-----	2,000	90,000
Total	609,879	10,470	480,773	55,500	25,146	36,883	1,762,750	2,981,401

** Includes some public land, but distribution not known.

SUMMARY OF CONSTRUCTION RESULTS TO JUNE 30, 1926

Items	To June 30, 1926		To June 30, 1925		Increase	
Reservoir capacity available (original)-----	<i>Acre-feet</i> 10, 498, 153		<i>Acre-feet</i> 10, 325, 053		<i>Acre-feet</i> 173, 100	
CANALS, DITCHES, AND DRAINS	<i>Miles</i>		<i>Miles</i>		<i>Miles</i>	
Canals over 800 second-feet capacity-----	517. 5		517. 5		0	
Canals 301 to 800 second-feet capacity-----	718. 2		712. 6		5. 6	
Canals 50 to 300 second-feet capacity-----	2, 315. 9		2, 305. 3		10. 6	
Canals less than 50 second-feet capacity----	9, 460. 0		9, 310. 9		149. 1	
Total canals-----	13, 011. 6		12, 846. 3		165. 3	
Waste water ditches-----	1, 043. 3		1, 029. 6		13. 7	
Drains, open-----	1, 754. 9		1, 690. 5		64. 4	
Drains, closed-----	213. 3		213. 2		. 1	
Total-----	3, 011. 5		2, 933. 3		78. 2	
Grand total-----	16, 023. 1		15, 779. 6		243. 5	
TUNNELS						
Number-----	106		106		0	
Length (feet)-----	152, 345		152, 345		0	
STORAGE AND DIVERSION DAMS	<i>Cubic yards</i>		<i>Cubic yards</i>		<i>Cubic yards</i>	
Masonry-----	2, 357, 559		2, 274, 659		82, 900	
Earth-----	15, 135, 508		14, 341, 608		793, 900	
Rockfill and crib-----	1, 728, 175		1, 725, 775		2, 400	
Total-----	19, 221, 242		18, 342, 042		879, 200	
DIKES AND LEVEES						
Length and volume-----	<i>Feet</i> 1, 090, 243	<i>Cu. yds.</i> 5, 714, 213	<i>Feet</i> 1, 069, 079	<i>Cu. yds.</i> 5, 554, 163	<i>Feet</i> 21, 164	<i>Cu. yds.</i> 160, 050
CANAL STRUCTURES	Concrete	Wood	Concrete	Wood	Concrete	Wood
Costing over \$2,000-----	<i>Number</i> 1, 512	<i>Number</i> 236	<i>Number</i> 1, 461	<i>Number</i> 233	<i>Number</i> 51	<i>Number</i> 3
Costing \$500 to \$2,000-----	3, 370	1, 023	3, 188	1, 019	182	4
Costing \$100 to \$500-----	17, 954	10, 828	17, 286	10, 619	668	209
Costing less than \$100-----	31, 883	77, 075	31, 325	76, 032	558	1, 043
Total-----	54, 719	89, 162	53, 260	87, 903	1, 459	1, 259
Grand total-----	143, 881		141, 163		2, 718	
BRIDGES	Number	Length	Number	Length	Number	Length
Steel-----	112	<i>Feet</i> 9, 124	112	9, 124	0	0
Combination-----	430	12, 963	422	12, 776	8	187
Wood-----	10, 094	231, 970	9, 781	226, 541	313	5, 429
Concrete-----	383	5, 165	363	4, 959	20	206
Total-----	11, 019	259, 222	10, 678	253, 400	341	5, 822
CULVERTS						
Concrete-----	3, 506	174, 871	3, 329	166, 019	177	8, 852
Metal-----	2, 642	90, 813	2, 416	85, 257	232	5, 556
Terra cotta-----	2, 094	82, 952	2, 079	82, 526	15	426
Wood-----	4, 285	110, 041	4, 263	109, 509	22	532
Total-----	12, 527	458, 677	12, 081	443, 311	446	15, 366
PIPE	<i>Linear feet</i>		<i>Linear feet</i>		<i>Linear feet</i>	
Concrete-----	1, 025, 052		986, 431		38, 621	
Metal-----	363, 515		345, 553		17, 962	
Terra cotta (tile)-----	1, 631, 690		1, 629, 865		1, 825	
Wood-----	686, 738		674, 076		12, 662	
Total-----	3, 706, 995		3, 635, 925		71, 070	

Summary of construction results to June 30, 1926—Continued

Items	To June 30, 1926		To June 30, 1925		Increase	
	Number	Length	Number	Length	Number	Length
FLUMES						
Concrete.....	103	<i>Feet</i> 73,348	101	<i>Feet</i> 72,250	2	<i>Feet</i> 1,098
Metal.....	1,712	225,599	1,667	212,982	45	12,617
Wood.....	2,658	506,045	2,623	502,558	35	3,487
Total.....	4,473	804,992	4,391	787,790	82	17,202
CANALS LINED						
Concrete	Wood	Concrete	Wood	Concrete	Wood	
Length (miles).....	454.50	4.12	429.57	4.12	24.93	0
Total.....	458.62		433.69		24.93	
BUILDINGS						
	<i>Number</i>		<i>Number</i>		<i>Number</i>	
Offices.....	101		101		0	
Residences.....	731		730		1	
Power plants.....	34		33		1	
Pumping stations.....	197		178		19	
Barns, storehouses, etc.....	575		575		0	
Total.....	1,638		1,617		21	
WELLS						
	Number	Depth	Number	Depth	Number	Depth
Number and depth.....	681	<i>Feet</i> 72,347	640	<i>Feet</i> 66,195	41	<i>Feet</i> 6,152
COMMUNICATIONS						
	<i>Miles</i>		<i>Miles</i>		<i>Miles</i>	
Roads.....	1,075.25		1,049.78		25.47	
Railroads.....	83.00		83.00		0	
Telephone lines.....	3,350.30		3,349.00		1.3	
Transmission lines.....	1,676.00		1,652.43		23.57	
Total.....	6,184.55		6,134.21		50.34	
POWER DEVELOPED						
Water and steam, horsepower.....	81,668		75,079		6,589	
EXCAVATION						
	<i>Cubic yards</i>		<i>Cubic yards</i>		<i>Cubic yards</i>	
Class 1—Earth.....	228,130,109		222,680,628		5,449,481	
Class 2—Indurated material.....	12,908,601		12,721,287		187,314	
Class 3—Rock.....	10,577,756		10,412,666		165,090	
Total.....	251,616,466		245,814,581		5,801,885	
Riprap (cubic yards).....	2,407,545		2,407,545		0	
Paving (square yards).....	998,762		987,585		11,177	
Concrete (cubic yards).....	3,716,275		3,533,721		182,554	
Cement (barrels).....	3,937,565		3,670,211		267,354	

DRAINAGE

Estimate of seepage and summary of drainage work to June 30, 1926

State and project	Constructed drains ¹		Estimated area damaged by seepage on June 30, 1926	Estimated area protected by constructed drains	Estimated area that will be protected when all drains authorized have been constructed
	Open	Closed			
	Miles	Miles	Acres	Acres	Acres
Arizona: Salt River ²	15.85	5.30	-----	60,000	60,000
Arizona-California: Yuma—					
Reservation.....	11.70	4.00	-----	8,000	8,000
Yuma Valley.....	37.30	-----	500	31,500	50,000
Colorado: Grand Valley—					
Project lands.....	43.25	.48	300	6,000	6,500
Grand Valley drainage district.....	38.30	1.00	29,000	10,000	10,000
Teller Institute.....	2.80	-----	-----	300	300
Frey drain.....	1.60	-----	-----	300	300
Orchard Mesa.....	13.07	.24	100	2,000	2,000
Uncompahgre ³	-----	98.00	17,000	9,700	9,700
Idaho: Boise—					
Riverside irrigation district.....	44.10	-----	350	11,400	11,400
Pioneer irrigation district.....	78.50	.40	300	30,000	30,000
Nampa-Meridian irrigation district.....	45.76	-----	400	51,000	51,000
Other parts.....	76.10	.20	2,500	26,000	31,000
King Hill ².....	.88	-----	180	800	800
Mindoka—					
Gravity division.....	112.00	-----	1,200	30,000	30,000
Pumping division.....	-----	-----	2,000	-----	-----
Montana: Huntley.....	16.73	50.50	1,200	21,500	21,500
Milk River—					
Malta division.....	2.30	-----	2,300	300	300
Glasgow division.....	-----	-----	200	-----	-----
Sun River—					
Fort Shaw division.....	-----	-----	2,974	-----	-----
Greenfields division.....	21.40	-----	340	11,600	15,600
Montana-North Dakota:					
Lower Yellowstone.....	6.10	1.10	6,500	1,700	1,700
Nebraska-Wyoming: North Platte—					
Interstate division.....	41.84	12.48	2,200	8,000	8,000
Interstate division ⁴	57.10	-----	-----	-----	-----
Fort Laramie division ⁴	131.60	-----	700	19,000	20,000
Northport division.....	8.42	-----	200	2,500	2,500
Nevada: Newlands—					
Carson division.....	161.08	3.99	-----	77,300	⁶ 91,392
Truckee division.....	10.84	-----	-----	3,470	⁶ 13,940
New Mexico: Carlsbad.....	11.14	3.65	5,200	5,140	5,140
New Mexico-Texas: Rio Grande—					
Rincon division ⁷	34.34	-----	150	13,850	16,000
Leasburg division ⁷	66.34	-----	3,000	31,000	31,000
Mesilla division ⁷	119.87	-----	5,950	47,000	50,000
El Paso division ⁷	122.74	-----	9,000	53,000	58,000
Oregon: Unatilla.....	14.30	.20	1,200	3,500	3,500
Klamath—					
Main division.....	103.00	8.00	2,000	28,700	30,000
Tule Lake division.....	56.00	-----	1,500	10,000	24,000
South Dakota: Belle Fourche.....	-----	-----	10,000	-----	-----
Utah: Strawberry Valley ³	18.90	71.50	8,500	11,422	19,922

¹ Surface drains and waste ditches not included.² Drainage is largely by means of pumps, water recovered being used for irrigation purposes.³ Constructed by landowners, water users, or drainage districts.⁴ Outlet channels, of which 29.08 miles were built by the United States partly under cooperative contracts, 21.67 miles by the Farmers irrigation district, 2 miles by the Morrill drainage district, and 4.35 miles by drainage district No. 1.⁵ Includes 67.08 miles of outlet channels, of which 56.68 miles were built by the United States as a part of the project canal, wasteway and drainage system, and 10.4 miles by the United States under cooperative contracts with the Gering irrigation district.⁶ Area benefited.⁷ Abandoned temporary outlets not included.

Estimate of seepage and summary of drainage work to June 30, 1926—Continued

State and project	Constructed drains		Estimated area damaged by seepage on June 30, 1926	Estimated area protected by constructed drains	Estimated area that will be protected when all drains authorized have been constructed
	Open	Closed			
Washington: Yakima—	<i>Miles</i>	<i>Miles</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Sunnyside division ^s	82.85	95.07	9,000	51,298	51,298
Tieton division ^s	7.50	2.30	200	2,400	2,400
Wyoming: Shoshone—					
Garland division.....	105.06	111.81	3,000	32,000	32,000
Frannie division.....	79.40		900	11,000	11,000
Willwood division.....	11.14			3,000	3,000
Total.....	1,811.20	470.22	130,044	725,680	813,192

^s All drainage work done by county drainage engineer through drainage improvement districts.

¹ Under contract of Apr. 1, 1923, the output is delivered to Idaho Power Co. on exchange basis.

² Lahontan plant under 10-year lease to Canyon Power Co., expires in 1934.

³ Sold in 1926 to M. S. Davidson.

⁴ 92,960 kilowatt-hours purchased from Western Public Service Co. at a cost of \$5,674.30 charged to operation and maintenance, included in above figures.

⁵ Not operated fiscal year 1925-26.

⁶ Contract with F. H. Roberts transferred to Midwest Public Service Co., effective May 1, 1926.

⁷ All six power plants feed the same distributing system so that it is impossible to separate the amounts sold by each plant or the losses chargeable to each plant.

⁸ 28,173,776 kilowatt-hours purchased. Total generated in 6 plants—55,902,880 kilowatt hours. Total power 84,076,656 kilowatt hours.

⁹ Outgoing line voltage 40,000 prior to Mar. 16, 1926, and 110,000 volts thereafter.

¹⁰ Plant first operated May 13, 1925.

¹¹ Under construction.

Pumping plants operated on Bureau of Reclamation projects during fiscal year 1925-26

Project	Name of plant	Type of units ¹	Plant capacity		Number of units	Static lift	First cost of plant	Cost of operation and maintenance	Estimated depreciation	Energy used for pumping	Acre-feet pumped	Cost per acre-foot without depreciation	
			Horse-power	Second-feet								Per acre-foot	Per foot lift
Boise	Black Canyon ²	V. T. D. S.	1,244	266	2	<i>Feet</i> 285	\$109,213.15	\$4,950.00	\$3,250.00	---	90,944	\$0.055	\$0.0019
	Price Sub.	V. T. D. C.	125	25.3	1	31	46,697.83	460.00	1,000.00	---	5,212	.088	.00284
	Ballantine	do.	620	60	2	45	73,883.32	897.98	2,000.00	---	13,385	.067	.0015
	Ballantine auxiliary	O. E. D. C.	400	46	2	45	71,103.56	1,428.29	3,500.00	---	1,113	1.28	.029
	Dry Lake	V. T. D. C.	75	19.3	1	51	31,749.57	90.00	---	(³)	3,000	.03	.00059
Klamath	Tule Lake No. 1	V. M. D. S.	120	60	2	6.1	23,117.70	2,861.93	1,000.00	160,920	6,606	.43	.071
	Tule Lake No. 2	do.	25	12	1	6.1	49,970.43	471.64	1,000.00	(³)	5,993	.0843	.0027
Lower Yellowstone	Thomas Point	H. T. D. C.	220	40	2	31	186,920.06	33,406.74	19,080.00	---	245,649	---	---
Minidoka	Pumping station No. 1	V. M. D. C.	3,800	816	5	30	184,920.00	---	---	---	196,495	---	---
	Pumping station No. 2	do.	3,250	695	4	31	32,947.72	---	---	---	120,414	---	---
	Pumping station No. 3	do.	1,850	420	3	30	18,745.61	---	---	---	553,690	---	---
	Boersch Lake ⁴	do.	200	50	2	19.8	3,328.42	---	---	---	11,537	---	---
	West End ⁴	H. M. D. C.	150	40	2	21.25	3,634.71	---	---	---	45,785	---	---
Williston	A-4 pumping station ⁴	Scoop wheel	25	20	1	3.5	---	5,810.33	---	---	---	---	---
	1817 pumping station ⁴	do.	10	11	1	4.8	---	---	---	---	---	---	---
	C-2 pumping station ⁴	do.	10	11	1	2.5	---	---	---	---	---	---	---
	114 pumping station ⁴	do.	7.5	4	1	7	2,803.97	---	---	---	---	---	---
	1812 pumping station ⁴	H. M. D. C.	5.0	2	1	4	1,008.76	---	---	11,243	---	---	---
Newlands	Pumping station No. 1	S. T. D. C.	490	44.9	3	56 and 21.6	13,851.00	---	---	7,272	---	---	---
	Pumping station No. 2	H. M. D. C.	175	35	2	26.6	39,647.00	(⁵)	---	---	---	---	---
	Pumping station No. 3	do.	270	60	3	32	36,821.00	---	---	---	---	---	---
	Pumping station No. 4	do.	100	20	1	27.25	8,821.00	---	---	---	---	---	---
	Lehotan (temporary) ⁷	do.	400	60	2	31.12	36,289.62	1,881.16	---	---	361	4.81	.153
North Platte	Dutch Flat drain No. 1	V. M. D. C.	30	2	1	52	23,393.94	3,165.83	2,400.00	116,400	1,007.1	3.14	.075
	Dutch Flat drain No. 2	do.	30	2	1	30	17,201.92	4,116.13	---	276,028	2,037	2.02	.033
	Dutch Flat drain No. 3	do.	40	4	1	47	18,588.21	666.13	---	52,386	215	3.10	.066
	Duck Lake (new) ⁸	H. M. D. C.	50	6	1	52-65	30,077.24	13,500.72	---	821,203	2,251	6.00	.032
	Government wells Nos. 1 and 2 ⁴	V. M. D. C.	30	2	2	51.25	17,842.16	294.18	21.07	46,799	342	0.86	.0125
Okanogan	Robinson Flat ⁴	H. M. D. C.	400	12	2	177	11,390.63	---	---	---	2,251	8.81	.26
	Salmon Lake ⁴	G. E. D. C.	275	18	1	19.6-52.7	---	---	---	---	342	0.86	.0125
	Dobbins pumping plant	V. M. D. C.	75	4	1	68.3	---	---	---	---	---	---	---
Salt River ¹⁰	Chandler division	13 V. M. D. C. and S.	1,070	121	14	35.3	148,084.21	25,798.43	10,365.89	2,523,863	31,921	0.808	.0228

	Phoenix City pump ¹¹	H. M. D. C.	10	4	50	66,656.83	20,748.02	4,551.94	2,349,895	158	.0182
High Line.....	do.	150	105	1	50	5,729.84	8,646.08	401.09	767,936	22,742	.912
Mesa division.....	V. M. D. C. and S.	1,880	13	23	50	191,846.16	44,890.58	13,429.23	4,572,082	6,696	.0238
Laveen division ¹²	V. T. D. S.	55	173	3	50	18,328.45	6,070.12	1,282.99	282,931	49,897	.0321
Phoenix division.....	V. M. D. C. and S.	1,825	118	47	63	244,762.38	63,291.73	17,133.67	4,718,346	1,734	.07
Tempe division.....	do.	1,320	153	18	30.52	130,323.80	36,406.68	9,122.66	4,718,346	36,117	.0277
Salt River division.....	do.	1,150	141	23	30	180,226.07	30,317.38	12,615.82	3,782,215	50,197	.0237
San Francisco.....	H. M. D. C.	50	4	1	50	29,078.90	1,916.67	2,997.89	3,196,521	42,212	.0239
Tolleson division.....	V. M. D. C. and S.	755	65	21	37.6	170,849.57	18,805.72	11,959.47	1,549,736	1,084	.0212
Maricopa Garden.....	V. M. D. C.	75	12	1	27.33	12,444.24	1,835.21	871.10	1,549,736	20,158	.0247
Heard pumping plant ¹³	Steam H. C.	90	1	40	40	72,500.00	3,459.00	3,120.00	2,053,410	3,369	.0199
Grandview ⁴	(1 V. T. D. C.) (2 H. M. D. C.)	365	36%	3	35 and 78	5,800.00	225.00	300.00	Steam.	2,436	.073
Hillcrest ⁴	V. T. D. C.	35	1.56	1	103	5,800.00	225.00	300.00	12,278	28	.28
Little Snipes Mountain ⁴	H. T. D. C.	5	1	1	50	1,162.00	68.71	45.00	350	.643	.00624
Outlook ⁴	V. T. D. C.	800	50.3	2	110	92,000.00	4,117.00	2,480.00	15,903	84	.817
Prosser ⁴	H. T. D. C.	190	12	1	105	31,968.00	1,500.00	1,500.00	3,542	.424	.00235
Spring Creek ⁴	do.	160	11.6	1	90	28,056.00	1,508.60	1,500.00	3,542	.424	.00403
Snipes Mountain ⁴	V. T. D. C.	850	11.6	3	200	78,000.00	2,576.00	1,890.00	3,738	.404	.00448
B lift ¹⁴	(1 V. M. D. C.) (2 H. M. D. C.)	1,100	105	3	70-71	159,524.11	26,400.00	600.00	623,000	6,700	.384
Reservation.....	G. E. D. C.	110	50	2	1-4	6,775.60	2,300.00	200.00	12,278	3,700	7.14
Valley drainage ¹⁵	(1 O. E. D. S.) (2 H. M. D. S.)	525	133-300	3	8-12	192,131.00	21,100.00	2,500.00	12,278	1,600	1.44
West Yuma pumping.....	G. E. D. C.	35	3	1	7	900.00	500.00	50.00	450,000	48,400	.436
Siphon Drop.....	V. T. D. C.			2					16,140	55	9.10
1.30											

¹ Type V. M. D. C. = vertical motor driven centrifugal pump; type H. M. D. C. = horizontal motor driven centrifugal pump; type S. T. D. C. = steam turbine-driven centrifugal pump; type V. T. D. C. = vertical hydraulic turbine-driven centrifugal pump; type H. T. D. C. = horizontal hydraulic turbine-driven centrifugal pump; type O. E. D. S. = oil engine driven screw pump; type G. E. D. C. = gas engine driven centrifugal pump; type V. T. D. S. = vertical hydraulic turbine screw pump; type H. M. D. S. = horizontal motor-driven screw pump.

² Completed in 1924. Plant cost is field cost only.

³ Turbine-driven.

⁴ Operated by local irrigation district.

⁵ Calendar year 1925.

⁶ Sold to M. S. Davidson.

⁷ Operated 140 hours during July, 1925.

⁸ Power purchased from Washington Power Co. An additional 125 horsepower motor and pump operated during portion of 1925.

⁹ 39,097 gallons distillate used in engine.

¹⁰ Operated by Salt River Valley Water Users' Association.

¹¹ Pumping plant of city of Phoenix used intermittently to pump into canal when available.

¹² Maintenance high due to destruction of plant by fire.

¹³ Steam plant taken over by Salt River Valley Water Users Association without cost. Hence no figure for first cost or depreciation.

¹⁴ All quantities and costs estimated for June, 1926.

¹⁵ 29,500 gallons fuel oil used in engine.

¹⁶ Gallons of gasoline.

Shoshone.....	Town of Powell, Wyo. C. B. & Q. R. R. Co. 7 small contracts	Sept. 25, 1923 June 1, 1923	Nov. 2, 1926 June 1, 1933	75 20 188	6 to 1 6 to 1	\$112.50 \$30	7,421.42 1,605.30 2,633.61	Each contract less than \$1,000.
Strawberry Valley	Spanish Fork City Payson City Salem City Springsville City Utah Packing Co. 3 small contracts	May 1, 1925 Feb. 4, 1925 June 15, 1923 Jan. 1, 1926	Apr. 30, 1928 Feb. 3, 1928 do July 25, 1926 Dec. 31, 1933	185 125 30 125 330 17.5	6 to 3/4 6 to 3/4 6 to 3/4 2 to 1 6 to 3/4	\$740 \$500 \$120 \$30 \$525 and \$30	11,202.73 9,033.31 1,983.76 2,809.33 3,482.36 1,429.02	Do.

SETTLEMENT DATA, 1925

State and project	Irrigated farms		Towns		Number of schools, project and town	Number of churches
	Num-ber	Popula-tion	Num-ber	Popula-tion		
Arizona: Salt River ¹	7,000	41,000	12	57,000	67	66
Arizona-California: Yuma.....	1,404	3,640	5	8,600	14	15
California: Orland.....	690	1,694	1	1,700	9	7
Colorado:						
Grand Valley.....	455	1,075	6	11,246	24	32
Uncompahgre.....	1,784	6,092	3	7,400	29	27
Idaho:						
Boise.....	3,470	10,600	10	36,660	46	56
King Hill.....	187	625	4	1,818	6	5
Minidoka.....	2,286	7,227	6	7,070	23	33
Montana:						
Huntley.....	575	1,866	8	570	8	9
Milk River.....	251	936	15	8,108	21	35
Sun River.....	416	1,001	4	369	17	11
Montana-North Dakota: Lower Yellowstone.....	438	1,850	8	3,050	14	16
Nebraska-Wyoming: North Platte.....	2,509	6,978	18	18,900	102	60
Nevada: Newlands.....	761	2,549	5	2,400	11	9
New Mexico: Carlsbad.....	392	2,041	4	3,575	8	12
New Mexico-Texas: Rio Grande.....	4,442	20,583	34	122,178	76	120
Oregon: Umatilla.....	538	1,394	4	1,280	6	9
Oregon-California: Klamath.....	440	1,680	5	9,020	30	13
South Dakota: Belle Fourche.....	824	1,580	² 4	715	27	9
Utah: Strawberry Valley.....	2,742	6,500	12	16,200	26	26
Washington:						
Okanogan.....	463	1,267	3	3,000	6	9
Yakima-Sunnyside.....	3,326	10,206	11	7,525	41	30
Yakima-Tieton.....	1,320	3,490	8	25,700	10	4
Yakima-Kittitas.....			5	8,100	25	16
Wyoming:						
Riverton.....	1	1	3	¹ 2,300	3	8
Shoshone.....	816	1,997	5	1,258	7	8
Total.....	37,530	136,872	203	365,742	656	645

¹ Estimated.² Exclusive of Belle Fourche.

Settlement data, 1925—Continued

State and project	Banks			
	Number	Capital stock	Deposits	Number of depositors
Arizona: Salt River ¹	15	\$1,600,000	\$30,000,000	42,000
Arizona-California: Yuma.....	4	180,000	2,859,200	8,700
California: Orland.....	2	171,000	1,090,000	2,970
Colorado:				
Grand Valley.....	5	382,000	4,000,000	10,000
Uncompahgre.....	6	505,136	3,499,208	11,250
Idaho:				
Boise.....	12	1,290,000	18,800,000	31,000
King Hill.....	1	20,000	¹ 286,315	¹ 950
Minidoka.....	5	200,000	1,398,000	4,000
Montana:				
Huntley.....	2	50,000	163,344	750
Milk River.....	13	490,000	4,761,300	9,500
Sun River.....	2	50,000	125,000	700
Montana-North Dakota: Lower Yellowstone.....	5	137,500	868,000	3,170
Nebraska-Wyoming: North Platte.....	20	607,500	7,700,000	19,150
Nevada: Newlands.....	1	75,000	975,273	1,750
New Mexico: Carlsbad.....	2	101,700	592,500	1,750
New Mexico-Texas: Rio Grande.....	11	2,750,000	29,277,000	45,000
Oregon: Umatilla.....	1	25,000	265,000	1,200
Oregon-California: Klamath.....	5	355,000	5,000,000	9,500
South Dakota: Belle Fourche.....	4	135,000	2,125,000	6,000
Utah: Strawberry Valley.....	5	235,000	1,750,000	8,350
Washington:				
Okanogan.....	4	140,000	1,358,000	2,400
Yakima-Sunnyside.....	9	260,000	2,751,693	8,997
Yakima-Tieton.....				
Yakima-Kittitas.....	6	375,000	4,446,000	10,300
Wyoming:				
Riverton.....	3	100,000	¹ 650,000	¹ 2,600
Shoshone.....	3	85,000	481,000	2,100
Total.....	146	10,319,836	125,221,833	244,087

¹ Estimated.

CROP STATISTICS

Summary of crop reports on Government reclamation projects in 1925—Area (acres)

State and project	Cereals					Other grain and seed						Hay and forage							
	Barley	Corn, Indian	Oats	Rye	Wheat	Total	Alfalfa seed	Clover seed	Sor- ghum grain	Flax- seed	Mil- let seed	Total	Alfalfa hay	Clover hay	Other hay	Corn fodder	Other forage	Pasture	Total
Arizona: Salt River	5,461				15,812	21,273							60,413		12,305	3,973	10,688	52,985	140,364
Arizona-California:					499	737						12,457	16,414		255		14,806	4,416	35,894
Yuma	212	8	18		68	2,346						2	4,972		333	50	32	2,434	7,821
Yuma Auxiliary (Mesa)	474	1,748	56																
California: Orland					651	2,238						482	6,180		83		1,704	1,009	8,956
Colorado:					8,993	16,096	802	140				942	25,905	133	308	109	222	10,330	37,007
Grand Valley	135	699	888	16															
Uncompahgre		2,479	4,473																
Idaho:																			
Boise	7,248	11,782	3,068	195	21,629	43,922	2,041	1,719	39		27	3,826	35,158	1,365	423		491	8,922	46,359
King Hill	141	326	76	47	297	887						409	3,720	40	3	11		5,235	9,009
Mindoka	6,428	3,371	2,927	10	14,069	26,805	387	2,264				2,651	40,186	1,296	98	272	40	8,164	50,036
Gravity division	3,434	3,056	1,999	10	5,648	14,147	239	702				941	24,223	805	98	54		5,188	30,368
Pumping division	2,994	315	928		8,421	12,658	148	1,562				1,710	15,993	491		218	40	2,976	19,688
Montana:																			
Huntley	553	765	1,262	25	3,701	6,306	194	52				246	5,578	39	46		128	4,456	11,369
Milk River	77	259	767	74	1,797	2,974	674			102		776	4,743		9,455	147	2,528	1,386	18,259
Sun River	872	63	1,422	17	14,035	16,409	197	98				295	7,769	80	343	160		1,351	9,703
Fort Shaw division	154	57	250	17	801	1,279	147	31				178	4,584	18	61	53		1,033	5,749
Greenfields and Big Coulee	718	6	1,172		13,234	15,130	50	67				117	3,185	62	282	107		318	3,954
Montana-North Dakota: Lower Yellowstone	398	865	269	46	981	2,559	147	19			211	377	5,322	88	181	420	6,952	658	13,621
Nebraska-Wyoming:																			
North Platte	15,828	41,830	13,233	1,185	16,890	88,966	135	497		154	135	921	29,233	1,177	2,602	585		5,377	38,974
Interstate division	9,926	21,224	3,645	777	1,624	37,196	54	465			62	581	21,057	1,089	460	385		3,213	26,204
Fort Laramie division	5,350	17,050	8,294	220	13,939	44,853	81	17		154	28	280	7,076	44	2,101	200		2,130	11,551
Northport division		3,556	1,294	188	1,327	6,917		15			45	60	1,100	44				34	1,219
Nevada: Newlands	863	378	67		4,780	6,088							29,271		2,686			32,063	64,020
New Mexico: Carlsbad		61					1,880	4,311				1,880	4,311					3,694	5,694
New Mexico-Texas: Rio Grande	17	3,978	83		465	4,543	8		181			189	23,139		386			2,629	26,174
Oregon: Umatilla		52	4		129	435	107					107	9,140	20	73	81		2,746	12,060
Oregon-California:																			
Klamath	753	840		880	2,544	5,017							13,650		1,212			12,303	27,165
Main division	698	781		815	2,459	4,753							12,665		1,121			12,162	25,948
Tule Lake division	55		59	65	85	264							985		91			141	1,217

South Dakota: Belle Fourche.....	1,082	10,698	5,254	85	2,906	20,025	921	94	---	---	---	1,015	20,731	53	1,866	403	7,814	30,867
Utah: Strawberry Valley.....	680	20	1,536	---	6,267	8,503	68	25	---	---	---	93	13,773	24	314	82	1,111	15,386
Washington:																		
Okanogan.....	1,160	6,032	1,463	3	6,665	15,920	---	---	---	---	---	---	---	---	41	26	51	208
Yakima.....	638	5,402	1,123	---	4,860	12,023	77	77	---	---	---	77	39,378	---	1,779	272	12,484	54,693
Sunnyside division.....	522	1,230	340	---	1,805	3,897	77	---	---	---	---	77	32,598	---	1,279	142	8,904	44,465
Tieton division.....	---	---	---	---	---	---	---	---	---	---	---	---	---	---	500	130	238	10,228
Wyoming:																		
Shoshone.....	973	138	2,964	---	2,935	7,010	137	717	---	---	---	854	24,752	48	80	43	16,002	43,668
Garland division.....	947	69	2,050	---	2,428	5,494	107	511	---	---	---	618	21,042	37	48	23	1,718	37,361
Frannie division.....	26	69	914	---	507	1,516	30	206	---	---	---	236	3,710	11	32	20	2,109	6,307
Riverton.....	---	---	80	---	---	80	---	---	---	---	---	---	---	---	---	---	---	---
Total.....	43,407	86,353	40,750	2,580	126,113	299,203	21,021	5,729	220	467	162	27,599	423,829	4,363	34,872	6,762	191,212	707,328

State and project	Vegetables and truck										Fruits and nuts						
	Beans	Onions	White potatoes	Sweet potatoes	Truck	Total	Apples	Peaches	Pears	Prunes	Citrus fruits	Small fruit	Mis- cella- neous	Total			
Arizona: Salt River.....	318	1,640	305	---	10,633	12,896	---	---	---	---	2,297	1,018	1,915	5,230			
Arizona-California:	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
Yuma.....	---	17	1	90	1,617	1,725	---	---	---	---	1	64	136	201			
Yuma Auxiliary (Mesa).....	---	---	---	---	3	3	---	---	---	---	73	1	2	76			
California: Orland.....	---	---	5	---	85	90	3	---	---	---	274	274	1,805	2,778			
Colorado:																	
Grand Valley.....	1,081	---	791	---	342	2,214	---	---	---	---	---	---	---	240			
Uncompangre.....	1,092	2,126	5,154	---	425	8,797	1,640	240	93	9	---	59	---	1,810			
Idaho:																	
Boise.....	284	287	2,583	26	567	3,747	974	25	21	389	---	87	---	1,496			
King Hill.....	---	5	143	---	138	306	251	10	21	---	---	10	---	304			
Mindoka.....	1,740	32	6,945	---	846	9,563	190	---	---	12	---	27	---	217			
Gravety division.....	1,245	18	3,163	---	602	5,028	190	---	---	---	---	27	---	217			
Pumping division.....	1,495	14	3,782	---	244	4,535	---	---	---	---	---	---	---	---			
Montana:																	
Huntley.....	1,279	3	26	---	204	1,512	---	---	---	---	---	---	---	---			
Milk River.....	36	---	129	---	57	222	---	---	---	---	---	2	---	2			
Sun River.....	7	---	237	---	83	327	---	---	---	---	---	---	---	---			
Fort Shaw division.....	5	---	213	---	60	278	---	---	---	---	---	---	---	---			
Greenfields and Big Coulee.....	2	---	24	---	23	49	---	---	---	---	---	---	---	---			
Montana-North Dakota: Lower Yellowstone.....	698	---	128	---	892	1,718	---	---	---	---	---	---	---	---			
Nebraska-Wyoming:																	
North Platte.....	988	39	5,677	---	536	7,240	---	---	---	---	---	---	---	---			
Iustestate division.....	235	---	409	---	409	5,296	---	---	---	---	---	---	---	---			
Fort Laramie division.....	736	39	4,652	---	112	1,844	---	---	---	---	---	---	---	---			
Northport division.....	17	---	68	---	15	100	---	---	---	---	---	---	---	---			

1 Data are for calendar year (irrigation season) except on Salt River project, where data are for corresponding "agricultural year," October, 1924, to September, 1925.

Summary of crop reports on Government reclamation projects in 1925—Area (acres)—Continued

State and project	Vegetables and truck						Fruits and nuts							
	Beans	Onions	White potatoes	Sweet potatoes	Truck	Total	Apples	Peaches	Pears	Prunes	Citrus fruits	Small fruit	Miscellaneous	Total
Nevada: Newlands.....		9	154		518	681								7
New Mexico: Carlisbad.....			7		26	33								
New Mexico-Texas: Rio Grande.....	198	121	3	238	5,566	6,126	578	162	621			231	5	1,597
Oregon: Umatilla.....			108		240	348	382	9	7	12		22		432
Oregon-California: Klamath.....														
Main division.....			815		121	936							24	24
Tule Lake division.....			794		110	904							24	24
Tule Lake division.....			21		11	32								
South Dakota: Belle Fourche.....			93		281	374								
Utah: Strawberry Valley.....		24	227		1,329	2,144	221	284	7			245	7	764
Washington: Okanogan.....			21		66	87	4,038	15	40			32		4,125
Yakima.....	495	55	8,383		2,924	11,857	15,528	1,398	3,409	569		1,303	192	22,399
Sunnyside.....	319		7,478		2,753	10,550	8,423	713	1,689	569		1,020		12,414
Tieton.....	176	55	905		171	1,307	7,105	685	1,720			283	192	9,985
Wyoming: Shoshone.....	1,206		1,257		741	3,204	7							7
Garland division.....	1,161		1,149		659	2,969	7							7
Frammie division.....	45		108		82	235								
Total.....	9,986	4,358	33,192	354	28,260	76,150	23,819	2,286	4,153	1,345	2,645	3,375	4,086	41,709

State and project	Miscellaneous					Irrigated, no crop								
	Sugar beets	Cotton	Cane	Other	Total	Duplicated	Total cropped	Young alfalfa	Young fruit	Fall plowing	Miscellaneous	Duplicated	Total irrigated without crop	Total irrigated
Arizona: Salt River.....		82,780		161	82,941	44,804	217,900				17,720		17,720	235,620
Arizona-California: Yuma.....		33,408	8	1,508	34,924	30,165	55,770				130		130	55,900
Yuma Auxiliary (Mesa).....						4	81				590		590	671
California: Orland.....		64		34	98	1,806	11,327	1,049	1,346		414	181	2,628	13,955

Summary of crop reports on Government reclamation projects in 1925—Yields

State and project	Cereals					Other grain and seed						Hay and forage						
	Barley	Corn	Oats	Rye	Wheat	Total	Alfalfa seed	Clover seed	Sorghum grain	Flax seed	Millet seed	Total	Alfalfa hay	Clover hay	Other hay	Corn fodder	Other forage	Total
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Tons	Tons	Tons	Tons	Tons	Tons
Arizona: Salt River	193,410				474,380	667,770							294,186		28,458	35,757	17,652	376,053
Arizona-California:																		
Yuma	2,778	275	820		7,372	11,245	61,254					61,254	40,460		270		13,566	54,296
Yuma Auxiliary (Mesa)					1,285	110,685	4					4	17,794		500	261	2	19,247
California: Orland																		
Colorado:																		
Grand Valley		20,108	27,846		14,383	62,337	1,044					1,044	17,633		207			17,840
Uncompangre	78,658		138,109	223	230,591	479,619	1,306	317				1,623	59,743	234	339	411	1,531	62,258
Idaho:																		
Boise	301,560	375,492	126,917	1,183	759,597	1,564,749	5,146	8,775	806		421	15,148	112,116	2,007	733		3,177	118,033
King Hill	6,637	9,834	3,080	575	9,607	29,733	605	150				755	13,399	105	4	120		13,628
Mindloka	246,553	104,528	126,152	56	505,918	983,207	1,147	10,086				11,233	117,273	2,246	239	1,458	10	121,226
Gravity division	125,383	96,952	88,714	56	192,954	504,059	692	4,202				4,804	74,358	1,768	239	1,225		76,590
Pumping division	121,170	7,576	37,438		312,964	479,148	455	5,884				6,339	42,915	478		1,233	10	44,636
Montana:																		
Huntley	18,143	15,904	45,210	461	90,159	169,877	347	188				535	15,109	51	129	169		15,449
Milk River	1,625	4,851	25,636	510	23,842	55,864	495			801		2,296	8,923		5,555	137	199	14,811
Sun River	15,667	1,700	36,142	193	197,328	251,030	210	679				789	13,607	162	338	182		14,289
Fort Shaw division	3,030	1,570	5,994	193	14,078	24,865	128	108				296	7,846	31	65	75		8,017
Greenfields and Big Coulee	12,637	130	30,148		183,250	226,165	82	411				493	5,761	131	273	107		6,272
Montana-North Dakota: Lower Yellow-																		
stone																		
Nebraska-Wyoming:																		
North Platte	13,226	20,211	6,343	2,000	23,420	65,200	458	200		1,219		1,877	11,642	91	194	1,784		13,711
Interstate	552,773	948,769	502,193	14,270	261,722	2,279,727	469	1,038		1,000	821	3,328	62,422	1,006	1,086	2,275		67,689
Fort Laramie division	373,189	487,288	142,196	9,922	28,708	1,041,303	269	886				1,458	41,328	936	393	1,772		47,429
Fort Laramie division	169,005	300,773	320,819	3,174	213,083	1,097,454	200	52		1,000	282	1,534	15,910	20	1,576	503		18,009
Northport division	9,979	70,708	39,178	1,174	19,931	140,970		100				336	2,184	50	17			2,251
Nevada: Newlands	25,917		2,063		104,567	132,547							90,997		369			91,366
New Mexico: Carlsbad		560				560	4,893					4,893	8,395				711	9,106
New Mexico-Texas: Rio Grande	440	127,196	3,420		9,162	140,218	40					5,743	79,278		799			80,077
Oregon: Umatilla																		
Oregon-California:																		
Klamath	1,466	6,563	46		2,562	10,637	236		5,703			236	23,966	45	73	421		24,505
Main division																		
Tule Lake division	20,100		20,699	12,651	53,886	107,336							33,530		1,508			35,038
Utah Lake division	19,300		19,859	11,461	51,930	102,550							30,054		1,373			31,427
Tule Lake division	800		840	1,190	1,956	4,786												3,611
South Dakota: Belle Fourche	36,411	288,588	218,981	3,162	67,879	615,021	767	158				925	33,722	51	1,661	870		36,304
Utah: Strawberry Valley	30,273	698	62,944		208,077	301,992	119	63				182	51,226	51	433	528		52,772

State and project	Vegetables and truck										Miscellaneous			
	Beans	Onions	White potatoes	Sweet potatoes	Total	Sugar beets	Cotton	Cotton-seed	Cane					
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Tons</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Tons</i>					
Washington:														
Okanogan.....	150	243,964	631,877	336	336	168	124,929	107	127	402				
Yakima.....	41,805	285,612	60,496				3,442	1,138,10	210	139,719				
Sunnyside division.....	23,921	237,842	48,096				108,081	2,646	7,749	119,262				
Tieton division.....	17,884	47,770	12,400				16,848	796	332	2,461				
Wyoming:														
Shoshone.....	29,742	3,752	92,024				3,837	40,535	67	88	299	4,490	45,479	
Garland division.....	29,292	1,835	67,429				2,769	34,376	54	68	269	34,767	34,767	
Fannie division.....	450	1,917	24,895				1,068	6,159	13	20	30	4,490	10,712	
Riverton.....														
Total.....	1,556,964	2,385,769	1,502,601	35,284	3,389,063	8,809,681	79,809	25,458	6,509	3,020	1,242	116,038	1,271,057	1,423,307
State and project	Vegetables and truck										Miscellaneous			
	Beans	Onions	White potatoes	Sweet potatoes	Total	Sugar beets	Cotton	Cotton-seed	Cane					
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Tons</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Tons</i>					
Arizona: Salt River.....	3,180	5,754	40,667		49,601		31,078	267	62,152	533				
Arizona-California: Yuma.....		296	30	1,000	1,346		13,309	942	26,619	884				
California: Orland.....			666		666		8,353		16,667					
Colorado:														
Grand Valley.....	20,744		122,555		143,299	23,377								
Uncompahgre.....	8,197	910,194	1,039,990		2,008,381	53,510								
Idaho:														
Boise.....	3,958	84,029	1,156,346	4,524	1,248,857									
Kling Hill.....		923	20,277		21,200									
Minidoka.....	31,545	6,791	1,682,115		1,720,451	67,972								
Gravity division.....	22,689	2,891	810,388		835,968	35,200								
Pumping division.....	8,856	3,900	871,727		884,483	32,772								
Montana:														
Huntley.....	21,617	434	2,723		28,774	49,572				8				
Milk River.....	102		18,442		18,544									
Sun River.....	70		32,620		32,690	8,198								
Fort Shaw division.....	60		29,850		29,910									
Greenfields and Big Conlee.....	10		2,770		2,780	1,559								
Montana-North Dakota: Lower Yellowstone.....	8,828		13,355		22,183	60,202								
Nebraska-Wyoming:														
North Platte.....	11,920	8,025	1,092,801		1,112,746	308,627								
Interstate division.....	2,286		935,368		937,654									
Fort Laramie division.....	9,579	8,025	134,332		171,966	180,848								
Northport division.....	55		3,081		3,136	113,794								
Nevada: Newlands.....		2,905	20,833		23,738	13,985								
New Mexico: Carlsbad.....			300		300	4,765,760								
New Mexico-Texas: Rio Grande.....						9,280,710								
Oregon: Umatilla.....	3,173	23,270	10,150	28,375	55,268	33,851,168								
					10,150	55,690,000								8,514

¹ Data are for calendar year (irrigation season) except in Salt River project, where data are for corresponding "agricultural year," October, 1924, to September, 1925.

Summary of crop reports on Government reclamation projects in 1925—Yields—Continued

State and project	Vegetables and truck						Miscellaneous			
	Beans	Onions	White potatoes	Sweet potatoes	Total	Sugar beets	Cotton	Cotton-seed	Cane	
Oregon-California:										
Klamath	Bushels	Bushels	Bushels	Bushels	Bushels	Tons	Pounds	Pounds	Tons	
Main division			95,467		95,467	1,450			1,350	
Tule Lake division			94,262		94,262	1,350			1,350	
South Dakota: Belle Fourche			1,205		1,205	00				
Utah: Strawberry Valley			12,206		12,206	19,967				
Washington:	6,728	11,269	27,635		45,632	61,208				
Okanogan			2,010		2,010					
Yakima	8,944	18,070	2,411,870		2,438,884					
Sunnyside division	5,677		2,167,703		2,173,380					
Tieton division	3,267	18,070	244,167		265,504					
Wyoming:										
Shoshone	24,114	6,500	202,002		232,616	23,496				
Garland division	23,734	6,500	187,434		217,668	19,813				
Frannie division	380		14,568		14,948	3,683				
Total	153,120	1,078,460	8,055,530	33,899	9,321,009	679,381	83,011,470	153,759,794	10,554	

State and project	Fruits and nuts						Total	
	Apples	Peaches	Pears	Prunes	Citrous fruit	Small fruit	Miscellaneous	Pounds
Arizona: Salt River	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Arizona-California:								
Yuma								
Yuma auxiliary (mess)								
California: Orland	13,500	207,500	23,000	518,000	967,875	52,700	27,950	82,000
Colorado:						7,500	500	975,875
Grand Valley						330,500	427,050	2,199,800
Uncompahgre	6,647,985	2,835,250	8,320	15,600	680,250			2,835,250
Idaho:						90,400		6,790,615
Boise								
King Hill	5,597,976	1,000	7,850	1,322,138		52,900		6,981,864
Mimidoka	1,036,186		22,000	110,000		3,000		1,171,186
Gravity division	498,373					18,610		516,983
	498,373					8,610		516,983

Summary of crop reports on Government reclamation projects in 1925—Value

State and project	Cereals						Other grain and seed					
	Barley	Corn	Oats	Rye	Wheat	Total	Alfalfa seed	Clover seed	Sorghum grain	Flaxseed	Millet seed	Total
Arizona: Salt River					\$796, 924	\$977, 956						
Arizona-California:												
Yuma	3, 333	\$245	\$525		11, 010	15, 113	\$573, 026					\$573, 026
Yuma auxiliary (mesa)							38					38
California: Orland	10, 010	78, 472	1, 176		1, 799	91, 457						
Colorado:												
Grand Valley		18, 231	18, 975		21, 469	58, 675	10, 698					10, 698
Uncompahgre	932	60, 561	65, 458	\$370	324, 576	451, 897	12, 880	\$2, 052				15, 832
Idaho:												
Boise			53, 963	1, 184	967, 218	1, 490, 964	43, 879	68, 969				115, 375
King Hill	165, 985	302, 614	1, 671	569	13, 023	27, 073	4, 664	2, 112	\$1, 941		\$586	6, 776
Mindoka	4, 196	7, 614	56, 768	56	667, 811	959, 836	10, 323	151, 290				161, 613
Gravity division	130, 673	104, 528	96, 453	56	254, 699	458, 081	6, 228	63, 630				69, 258
Pumping division	66, 433	96, 952	39, 921		413, 112	501, 755	4, 095	88, 200				92, 355
Montana:												
Huntley	13, 466	12, 730	25, 544	388	120, 262	172, 390	3, 544	584				4, 128
Milk River	1, 610	4, 366	12, 976	255	34, 555	53, 762	34, 648			\$1, 731		36, 379
Sun River	15, 041	1, 530	27, 106	216	286, 126	330, 019	2, 520	2, 779				5, 299
Fort Shaw division	2, 909	1, 413	4, 495	216	20, 413	29, 446	1, 536	806				2, 342
Greenfields and Big Conlee	12, 132	1, 117	22, 611		265, 713	300, 573	1, 984	1, 973				2, 957
Montana-North Dakota: Lower Yellowstone	6, 613	16, 169	2, 337	1, 000	33, 959	60, 278	6, 870	780		2, 081		10, 331

Summary of crop reports on Government reclamation projects in 1925—Value

Summary of crop report on Government reclamation projects in 1925—Value—Continued

State and project	Cereals						Other grain and seed					
	Barley	Corn	Oats	Rye	Wheat	Total	Alfalfa seed	Clover seed	Sorghum grain	Flaxseed	Millet seed	Total
Nebraska-Wyoming:												
North Platte:	\$295,544	\$509,202	\$184,886	\$8,561	\$331,020	\$1,389,223	\$5,628	\$6,228		\$2,250	\$1,642	\$15,748
Interstate division:	205,253	292,373	56,878	5,963	38,756	599,213	3,228	5,316			606	9,150
Fort Laramie division:	84,803	234,464	112,287	1,904	266,354	690,812	2,400	312		2,250	564	5,526
Northport division:	5,488	42,425	15,671	704	25,910	90,198		600			472	1,072
Nevada: Newlands:	22,030	13,710	1,320		141,165	178,225						
		1,120				1,120						
New Mexico: Carlsbad:	670	135,256	2,052		11,871	149,849	528		\$6,008			38,379
New Mexico-Texas: Rio Grande:	982	7,350	30		3,177	11,539	2,948					6,536
Oregon: Umatilla:												2,948
Oregon-California:												
Klamath:	11,055		9,315	8,856	72,747	101,973						
Main division:	10,615		8,378	8,023	70,106	97,681						
Tule Lake division:	440			833	2,641	4,292						
South Dakota: Belle Fourche:	18,205	202,011	87,592	1,581	84,849	394,238	9,971	553				10,524
Utah: Strawberry Valley:	25,742	628	34,240		266,829	327,439	1,071	567				1,638
Washington:												
Okanogan:	150					150						
Yakima:	30,636	202,316	29,286		319,977	582,215		3,360				3,360
Sunnyside division:	17,223	166,489	23,086		243,736	450,534						
Tieton division:	13,413	35,827	6,200		76,241	131,681		3,360				3,360
Wyoming:												
Shoshone:	20,819	2,813	46,013		87,978	157,623	3,228	13,453				16,681
Garland division:	20,304	1,376	33,715		75,903	131,498	2,568	9,198				11,766
Frannie division:	315	1,437	12,298		12,075	26,125	660	4,255				4,915
Riverton:			1,200			1,200						
Total:	958,574	1,741,676	662,583	23,036	4,598,345	7,984,214	764,843	253,627	7,949	6,662	2,228	1,035,309
State and project	Hay and forage					Total	Vegetables and truck					
	Alfalfa hay	Clover hay	Other hay	Corn fodder	Other forage		Beans	Onions	White potatoes	Sweet potatoes	Truck	Total
Arizona: Salt River:	\$5,295,348		\$124,177	\$286,056	\$619,772	\$804,424			\$48,800		\$3,316,375	\$3,444,131
Arizona-California:												
Yuma:	597,795		3,561		173,399	50,732	\$13,356	\$65,600	90	\$2,437	187,550	190,584
Yuma auxiliary (Mesa):	60				15	75		507			215	215

California: Orland.....	222,425	8,400	3,915	6,320	17,844	258,904	---	---	---	1,200	5,140	6,340
Colorado:	161,312	---	---	---	---	---	---	---	---	---	---	---
Grand Valley.....	421,810	\$1,191	---	9,350	5,927	178,295	47,717	---	---	162,885	39,199	249,801
Uncompagire.....	---	---	1,640	8,604	32,992	408,595	15,420	---	---	948,249	38,144	1,570,348
Idaho:	793,257	4,392	---	20,481	172,346	1,003,467	9,454	---	---	444,004	36,575	573,609
Boise.....	85,071	20	196	---	13,143	994,137	1,309	---	---	18,007	8,933	28,249
King Hill.....	820,911	836	---	1,500	76,062	924,567	75,708	---	---	2,270,855	40,742	2,394,096
Minidoka.....	520,506	14,144	836	---	45,772	582,383	54,454	---	---	1,094,024	26,002	1,177,371
Gravity division.....	300,405	3,824	---	1,500	30,290	342,184	21,254	---	---	1,176,831	14,740	1,216,725
Pumping division.....	---	---	---	---	---	---	---	---	---	---	---	---
Montana:	117,394	294	---	1,157	31,956	171,952	53,209	---	---	4,734	15,386	74,090
Huntley.....	75,462	55,105	648	7,219	2,186	140,920	302	---	---	34,292	8,520	43,114
Milk River.....	122,463	810	---	---	7,489	134,296	294	---	---	44,037	9,117	53,448
Sun River.....	70,614	155	487	412	5,978	77,646	252	---	---	40,287	3,802	46,411
Green Fields and Big Coulee.....	51,849	655	2,047	588	1,511	56,650	42	---	---	3,740	3,255	7,037
Montana-North Dakota: Lower Yellowstone.....	87,315	364	---	7,136	5,500	129,287	17,656	---	---	20,032	42,262	79,950
Nebraska-Wyoming:	514,677	5,030	---	4,550	19,422	563,539	21,456	---	---	1,147,441	25,587	1,202,508
North Platte.....	376,788	4,680	---	3,544	12,072	401,014	4,115	---	---	982,136	19,157	1,005,408
Interstate division.....	119,325	100	---	1,006	7,191	143,382	17,242	---	---	162,070	5,680	193,016
Fort Laramie division.....	18,564	250	---	---	7,159	19,143	99	---	---	3,235	750	4,084
Northport division.....	682,467	3,398	---	---	47,522	733,387	---	---	---	28,125	83,218	115,555
Novada: Newlands.....	168,988	---	---	---	47,400	180,053	---	---	---	720	718	1,098
New Mexico: Carlsbad.....	1,248,789	9,173	---	10,665	28,219	1,286,181	9,799	---	---	33,005	533,079	593,749
New Mexico-Texas: Rio Grande.....	253,717	680	2,404	---	25,369	284,800	---	---	---	12,353	28,603	41,076
Oregon: Umatilla.....	268,240	10,556	---	---	124,857	403,653	---	---	---	128,880	14,118	142,998
Klamath.....	240,432	9,611	---	---	123,007	373,050	---	---	---	127,254	13,238	140,492
Main division.....	27,808	945	---	---	1,850	30,603	---	---	---	1,626	880	2,506
Tule Lake division.....	219,193	255	---	---	32,199	298,301	---	---	---	18,309	31,544	49,853
South Dakota: Belle Fourche.....	358,582	357	---	3,168	9,839	378,697	21,380	---	---	38,185	111,900	181,462
Utah: Strawberry Valley.....	---	---	---	---	---	---	---	---	---	---	---	---
Washington:	3,360	2,140	1,270	---	765	7,535	---	---	---	3,618	11,320	14,938
Okanogan.....	1,257,714	25,417	4,552	63,721	236,780	1,588,184	21,793	---	---	3,135,431	329,231	3,490,104
Yakima.....	1,080,810	19,845	3,144	46,494	198,080	1,348,373	13,625	---	---	2,818,014	308,306	3,139,945
Sunnyside division.....	176,904	5,572	1,408	17,227	38,700	239,811	8,168	---	---	317,417	20,925	359,159
Tieton division.....	---	---	---	---	---	---	---	---	---	---	---	---
Wyoming:	273,496	335	460	1,122	31,100	308,038	62,895	---	---	192,630	28,032	283,557
Shoshone.....	236,542	270	340	1,845	27,590	266,087	61,983	---	---	178,069	262,734	262,734
Gardland division.....	36,954	65	---	---	3,510	41,951	912	---	---	14,568	5,343	20,823
Frammie division.....	---	---	---	---	---	---	---	---	---	---	---	---
Total.....	14,051,846	40,732	590,873	332,027	1,777,273	17,767,127	370,439	769,669	44,880	8,703,287	4,945,598	14,833,873

Summary of crop reports on Government reclamation projects in 1925—Value—Continued

State and project	Fruits and nuts						Miscellaneous						Grand total	
	Apples	Peaches	Pears	Prunes	Citrous fruit	Small fruit	Miscellaneous	Total	Sugar beets	Cotton	Cane	Other		Total
Arizona: Salt River.					\$929,250	\$416,240	\$354,000	\$1,699,490		\$8,888,511		\$16,775	\$8,905,286	\$22,456,640
Arizona-California:										3,061,286	\$2,090	37,216	3,100,592	4,718,845
Yuma.					68	3,510	10,465	14,043						30,178
Yuma Auxiliary (Mesa).					29,075	750	25	29,850						
California: Orland					27,210	6,694	64,840	140,364		5,625		1,890	7,515	504,580
Colorado:	\$750	\$4,150	\$460	\$36,260										
Grand Valley.		34,865						34,865	\$151,950			9,036	100,986	693,320
Uncompahgre.	97,354	1,331	451	948		14,160		114,244	347,815			63,664	411,479	3,032,395
Idaho:														
Boise						8,398		135,998				4,364	4,364	3,323,777
King Hill	94,963	60	964	31,613		625		22,084	475,804			3,310	479,114	183,319
Mindoka.	18,334		575	2,550		372		2,864	246,400	249,710		3,310	249,710	4,922,040
Gravity division.	2,492					372		2,864	229,404				229,404	2,539,067
Pumping division.	2,492													2,382,423
Montana:														
Huntley.									322,278		32		322,310	744,870
Milk River.						760		760	53,183				53,183	328,118
Sun River.									10,632			361	10,993	534,055
Fort Shaw division.									9,354			361	9,715	165,560
Greenfields and Big Coulee.														
Montana-North Dakota: Lower Yellowstone.									1,278				1,278	368,495
Nebraska-Wyoming:														
Yellowstone.														
North Platte.									361,272			1,045	362,317	642,163
Interstate division.														
Fort Laramie division.									1,944,350		2,284	20,063	1,966,697	5,137,715
Northport division.									1,139,342		1,448	13,633	1,154,423	3,169,208
Nevada: Newlands.									716,902		836	5,462	723,200	1,764,936
New Mexico: Carlsbad.									88,106			968	89,074	203,571
New Mexico-Texas: Rio Grande.	150							150				46,829	1,073,996	1,073,996
Oregon: Umatilla.	130,509	22,214	112,241			30,509		298,723		1,210,879	1,380		1,212,259	1,433,059
Oregon-California:	18,548					3,274	3,250	22,001		8,226,917	70,012	44,647	8,341,576	10,676,614
Klamath.												1,447	1,447	363,811
Main division.							1,184	1,184	11,600			10,261	21,861	671,669
Tule Lake division.							1,184	1,184	10,800			10,056	20,856	633,263
South Dakota: Belle Fourche.									800				1,005	38,406
Utah: Strawberry Valley.												3,363	168,338	891,254
Washington:	27,439	900				15,409	215	43,963	405,407			26,680	432,087	1,365,286
Okanogan.	900,158	1,268	5,325			9,339		916,090				6,693	6,693	945,406

Yakima-----	4,380,351	300,192	818,411	193,559	405,212	34,440	6,132,165	-----	-----	-----	199,040	199,040	12,004,068
Sunnyside division-----	2,616,981	150,352	625,391	193,559	299,692	-----	3,885,975	-----	-----	-----	153,940	153,940	8,978,767
Tieton division-----	1,763,370	149,840	193,020	-----	105,520	34,440	2,246,190	-----	-----	-----	45,100	45,100	3,025,301
Wyoming:													
Shoshone-----	31	-----	-----	-----	-----	-----	31	-----	-----	-----	50	164,522	930,452
Garland division-----	31	-----	-----	-----	-----	-----	31	-----	-----	-----	50	138,741	810,857
Frankie division-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25,781	119,595
Riverton-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,200
Total-----	5,671,079	364,980	938,427	265,109	915,252	468,419	9,608,869	4,413,738	21,393,218	75,798	496,734	26,379,488	77,608,880

Irrigation and crop results, Government reclamation projects, 1925¹

State and project	Lands on projects covered by crop census				Other lands served by Government works, usually a partial water supply through private canals under Warren Act contracts					
	Irrigable acreage ²	Irrigated acreage ³	Crop value		Irrigable acreage	Irrigated acreage	Cropped acreage	Crop value		Approximate per cent of total water used supplied by United States
			Total	Per acre				Total	Per acre	
Arizona: Salt River ⁴	256,000	235,620	\$22,456,640	\$103.06	92,700	13,400				
Arizona-California:										
Yuma	64,870	55,900	4,718,845	84.61	2,550	2,550	2,210	\$227,800	\$103.00	
Yuma auxiliary (Mesa)		671	30,178	363.59						
California: Orland	20,660	13,955	504,580	44.55						
Colorado:										
Grand Valley	30,350	13,490	693,320	52.89	18,350	12,000	11,400	1,146,000	100.00	
Uncompahgre	94,820	61,637	3,032,395	49.47	2,010	1,890	1,800	93,006	51.67	100
Idaho:										
Boise	143,290	95,738	3,323,777	35.47	140,290	131,300	126,300	4,029,107	31.90	29.5
King Hill	16,890	6,624	183,319	30.80						
Minidoka	121,570	102,351	4,922,090	51.04	650,000	535,500	488,000	26,400,000	54.00	15
Gravity division	72,610	57,314	2,539,667	47.17						
Pumping division	48,960	45,037	2,382,423	56.84						
Montana:										
Huntley	32,540	19,310	744,870	38.57						
Milk River ⁷	38,960	21,940	328,118	13.15	41,200	27,600	27,600	516,700	18.72	40
Sun River	56,820	27,044	534,055	19.74						
Fort Shaw Division	13,900	7,456	165,560	21.28						
Greenfields and Big Coulee division	842,920	19,266	308,495	19.13						
Montana-North Dakota: Lower Yellowstone	58,240	18,276	642,163	35.14						
Nebraska-Wyoming:										
North Platte	256,750	161,806	5,137,715	35.46	127,160	105,890	105,000	4,042,650	38.50	
Interstate division	113,400	84,117	3,169,208	37.08						
Fort Laramie division	107,000	68,262	1,764,936	26.18						
Northport division	16,350	9,426	203,571	21.60						
Nevada: Newlands	65,385	42,453	1,073,996	27.81						
New Mexico: Carlshad	25,045	24,778	1,433,059	62.69						
New Mexico-Texas: Rio Grande	150,000	130,911	10,676,614	87.66	46,000	31,070	31,070	1,928,175	62.60	100
Oregon: Umatilla	24,590	13,345	363,811	28.32						
Oregon-California:										
Klamath	41,970	34,403	671,669	20.13	34,070	21,040	21,040	380,480	18.08	100
Main division	41,920	32,469	633,263	19.90						
Tule Lake division	3,050	1,934	38,406	25.30						

South Dakota: Belle Fourche	81,820	* 48,800	53,120	891,254	16.78	19,500	18,300	18,200	676,462	37.17	52
Utah: Strawberry Valley	53,890	33,775	31,761	1,365,286	42.99						
Washington:											
Okanogan	7,590	4,976	4,414	945,406	214.18						
Yakima	134,340	122,650	101,574	12,004,068	118.18						
Sunnyside division	102,340	95,000	78,474	8,978,767	114.42						
Tieton division	32,000	27,650	23,100	3,025,301	130.97						
Wyoming:											
Shoshone	61,980	36,663	36,226	930,452	25.68						
Garland division	41,920	29,609	29,526	810,857	27.46						
Frankie division	20,060	7,054	6,700	119,595	17.85						
Riverton division	1,600	80	80	1,200	15.00						
Total	1,802,970	1,320,300	1,242,750	77,608,880	62.45	1,340,000	1,019,170	951,250	53,655,850	56.40	

¹ Data are for calendar year (irrigation season) except on Salt River project, where data are for corresponding "agricultural year," October, 1924, to September, 1925.

² Area Bureau of Reclamation was prepared to supply water.

³ Irrigated crops. Excludes small areas on few projects cropped by dry farming.

⁴ Data furnished by Salt River Valley Water Users' Association, which operates the project.

⁵ Includes 10,716 acres reported as vacant, 3,460 acres of "home tracts," and 3,544 acres within town sites on which no crops were reported.

⁶ Considerable area cropped without irrigation.

⁷ Crop reports covered an additional area of 37,240 acres cropped by dry farming valued at \$179,180, or \$4.81 an acre.

⁸ Crop reports covered an additional area of 5,640 acres cropped by dry farming valued at \$80,630, or \$14.29 an acre.

⁹ Crop reports covered an additional area of 12,916 acres cropped by dry farming valued at \$186,118, or \$14.41 an acre.

¹⁰ 60,000 acre-feet of water annually delivered under treaty with Mexico.

Summary of crop reports on reclamation projects in 1925

NOTE.—These figures are limited to irrigated crops covered by crop census on Government projects proper, excluding for the most part dry-farm crops, and all crops in most areas served water under the the Warren Act.

Crop	Acreage cropped		Unit	Yields			Crop value	
	Total	Per cent of cropped		Total	Average per acre	Average per acre	Total	Per cent of total value of all crops
Cereals:								
Barley.....	43,407	3.5	Bushels...	1,556,964	35.8	\$22.08	\$958,574	1.2
Corn.....	86,353	6.9	do.....	2,385,769	27.6	20.17	1,741,676	2.2
Oats.....	40,750	3.3	do.....	1,502,601	37.0	16.26	662,583	.9
Rye.....	2,580	.2	do.....	35,284	13.7	9.00	23,036	...
Wheat.....	126,113	10.1	do.....	3,389,063	26.9	36.46	4,598,345	6.0
Total.....	299,203	24.0	-----	8,869,681	29.6	27.00	7,984,214	10.3
Other grain and seed:								
Alfalfa seed.....	21,021	1.7	Bushels...	79,809	3.8	36.43	764,843	1.0
Clover seed.....	5,729	.5	do.....	25,458	4.4	44.30	253,627	.3
Grain sorghum.....	220	...	do.....	6,509	29.5	36.13	7,949	...
Flaxseed.....	467	...	do.....	3,020	6.4	14.26	6,662	...
Millet seed.....	162	...	do.....	1,242	7.6	14.00	2,228	...
Total.....	27,599	2.2	-----	116,038	4.2	37.51	1,035,309	1.3
Hay and forage:								
Alfalfa hay.....	423,829	34.1	Tons.....	1,271,057	3.0	33.15	14,051,846	18.1
Clover hay.....	4,363	.4	do.....	6,116	1.4	9.33	40,732	...
Other hay.....	34,872	2.8	do.....	47,492	1.4	17.00	590,873	.8
Corn fodder.....	6,762	.6	do.....	45,928	6.8	49.10	332,027	.4
Other forage.....	46,290	3.7	do.....	52,714	1.1	21.00	974,376	1.3
Pasture.....	191,212	15.3	-----	-----	-----	9.35	1,777,273	2.3
Total.....	707,328	56.9	-----	1,423,307	-----	25.12	17,767,127	22.9
Vegetables and truck:								
Beans.....	9,986	.8	Bushels...	153,120	15.3	37.10	370,439	.5
Onions.....	4,358	.4	do.....	1,078,460	247.4	176.61	769,669	1.0
Potatoes, white.....	33,192	2.6	do.....	8,055,530	242.7	262.21	8,703,287	11.2
Potatoes, sweet.....	354	...	do.....	33,899	96.0	127.00	44,880	...
Truck.....	28,260	2.3	-----	-----	-----	175.00	4,945,598	6.4
Total.....	76,150	6.1	-----	9,321,009	-----	194.80	14,833,873	19.1
Fruit and nuts:								
Apples.....	23,819	2.0	Pounds...	276,373,232	11,603.0	238.10	5,671,079	7.3
Peaches.....	2,286	.1	do.....	12,059,349	5,275.3	159.70	364,980	.5
Pears.....	4,153	.3	do.....	27,812,746	6,697.0	225.96	938,427	1.2
Prunes.....	1,345	.1	do.....	7,500,707	5,577.5	197.10	265,109	.3
Citrus fruit.....	2,645	.2	do.....	22,299,475	8,431.0	372.63	985,603	1.3
Small fruit.....	3,375	.3	do.....	29,103,994	8,623.4	271.20	915,252	1.2
Miscellaneous.....	4,086	.3	do.....	7,315,700	1,790.4	114.64	468,419	.6
Total.....	41,709	3.3	-----	382,465,203	9,170.0	230.38	9,608,869	12.4
Miscellaneous:								
Sugar beets.....	55,081	4.4	Tons.....	679,381	12.3	80.13	4,413,738	5.7
Cotton.....	215,967	17.4	Pounds...	83,011,470	384.3	99.00	21,393,218	27.6
Cotton seed.....			-----	153,759,794	712.0			
Cane.....	2,674	.2	Tons.....	10,554	4.0	28.27	75,798	.1
Other crops.....	6,444	.5	-----	-----	-----	77.15	496,734	.6
Total.....	280,166	22.5	-----	-----	-----	94.20	26,379,488	34.0
Duplication.....	189,405	15.0	-----	-----	-----	-----	-----	-----
All crops.....	1,242,750	100.0	-----	-----	-----	62.45	77,608,880	100.0

LIVESTOCK AND EQUIPMENT

Inventory of livestock and equipment on reclamation project farms at close of 1925¹

State and project	Horses			Mules			Cattle			Sheep			Hogs						
	Num-ber	Value		Num-ber	Value		Num-ber	Value		Num-ber	Value		Num-ber	Value					
		Each	Total		Each	Total		Each	Total		Each	Total							
Arizona: Salt River-----	8, 412	\$50. 00	\$420, 600	3, 321	\$80. 00	\$265, 680	17, 781	\$35. 24	\$625, 545	18, 052	\$85. 00	\$1, 534, 420	14, 013	\$4. 50	\$63, 058	2, 985	\$16. 00	\$47, 760	
Arizona-California:-----																			
Yuma-----	2, 969	61. 88	183, 720	1, 166	77. 65	90, 545	971	41. 18	40, 960	1, 554	71. 76	111, 521	782	8. 54	6, 678	1, 128	13. 33	15, 037	
Yuma Auxiliary-----	28	97. 50	2, 730	11	93. 18	1, 025				4	112. 50	450							
California: Orland-----	2 777	59. 50	46, 240				252	20. 00	5, 045	3, 218	75. 00	241, 890	2, 207	8. 80	19, 439	1, 236	19. 50	24, 044	
Colorado:-----																			
Grand Valley-----	1, 076	56. 36	60, 640	63	74. 52	4, 695				3	1, 389	36. 93	51, 297	6, 328	8. 45	53, 406	586	16. 59	9, 717
Uncompahgre-----	5, 420	45. 48	246, 486	219	55. 30	12, 110	8, 403	29. 09	244, 404	4, 700	35. 36	166, 187	28, 189	9. 94	280, 148	4, 665	10. 27	47, 895	
Idaho:-----																			
Boise-----	5, 599	39. 93	223, 610	171	47. 34	8, 095	3, 094	50. 56	156, 455	9, 607	42. 23	405, 725	9, 008	8. 05	77, 523	11, 914	11. 66	138, 915	
King Hill-----	393	53. 00	20, 871	7	70. 00	490	228	34. 41	7, 855	644	50. 00	32, 190	9, 082	13. 00	129, 405	414	13. 55	5, 609	
Minidoka-----																			
Gravity division-----	4, 667	30. 97	144, 547	63	52. 70	3, 320	648	31. 40	20, 374	3, 992	63. 19	252, 241	9, 020	9. 27	83, 605	4, 621	9. 27	42, 840	
South Side pumping division-----	2, 332	49. 72	115, 954	17	58. 23	990	399	31. 14	12, 425	2, 610	51. 48	134, 365	8, 693	7. 81	67, 877	4, 499	10. 67	45, 290	
Montana:-----																			
Huntley-----	2, 027	46. 60	94, 380	45	55. 20	2, 485	1, 658	34. 10	56, 595	1, 968	37. 00	72, 830	7, 439	8. 03	59, 634	1, 572	11. 12	17, 478	
Milk River-----	1, 593	44. 25	70, 650	114	44. 00	5, 015	3, 378	39. 03	131, 855	914	56. 22	51, 390	24, 624	9. 13	225, 465	1, 413	15. 00	21, 202	
Sun River-----																			
Fort Shaw division-----	570	46. 25	26, 365	9	61. 11	550	382	33. 95	12, 970	849	46. 51	39, 489	1, 101	9. 16	10, 090	416	13. 95	5, 807	
Greenfields division-----	1, 198	44. 78	53, 645	15	48. 33	725	1, 353	36. 16	48, 930	1, 006	38. 18	38, 415	7, 196	11. 80	84, 954	1, 027	12. 55	12, 892	
Montana-North Dakota: Lower Yellowstone	1, 982	42. 00	83, 244	41	60. 00	2, 460	1, 711	32. 60	55, 763	1, 947	50. 20	97, 847	3, 243	11. 00	35, 670	3, 357	13. 00	32, 677	
Nebraska-Wyoming:-----																			
North Platte-----																			
Interstate division-----	5, 571	40. 00	222, 840	305	65. 00	19, 825	7, 603	25. 00	190, 075	5, 284	45. 00	237, 780	1, 779	8. 00	14, 232	9, 654	7. 00	67, 578	
Fort Laramie division-----	3, 332	40. 00	133, 280	152	65. 00	9, 880	2, 816	25. 00	70, 400	1, 752	45. 00	78, 840	41	8. 00	328	5, 557	7. 00	38, 899	
Northport division-----	538	40. 00	21, 520	62	65. 00	4, 030	714	25. 00	17, 850	1, 731	45. 00	78, 840	25	8. 00	200	627	7. 00	4, 389	
Nevada: Newlands-----	3, 055	52. 18	156, 400	167	53. 09	8, 867	4, 663	49. 40	230, 342	8, 184	85. 00	695, 521	12, 807	9. 80	125, 573	1, 972	12. 74	25, 120	

¹ Data are for calendar year except on Salt River project, where data are for "agricultural year," October, 1924, to September, 1925.² Horses and mules.³ Dairy and beef cattle.

Inventory of livestock and equipment on reclamation project farms at close of 1925—Continued

State and project	Horses			Mules			Cattle				Sheep			Hogs				
	Num-ber	Value		Num-ber	Value		Beef		Dairy		Value		Value		Num-ber	Value		
		Each	Total		Each	Total	Num-ber	Each	Total	Num-ber	Each	Total	Each	Total				
New Mexico: Carlisbad	1,028	\$83.27	\$85,620	555	\$89.70	\$49,785	550	\$28.35	\$15,590	377	\$61.47	\$23,175	4,135	\$10.16	\$42,031	71	\$15.38	\$1,092
New Mexico-Texas: Rio Grande	6,553	64.18	420,538	2,653	87.14	231,177	788	29.74	23,433	6,373	81.73	521,274	2,447	5.80	14,164	1,343	12.25	16,453
Oregon: Umatilla	1,041	46.11	48,000	31	53.00	1,643	186	38.72	7,202	2,784	84.82	152,619	7,154	9.15	65,459	845	15.21	12,852
Oregon-California: Klamath—																		
Main division	1,444	75.00	108,300	12	90.00	1,080	3,060	.35	107,100	3,234	60.00	190,040	29,462	11.00	324,682	1,302	15.00	19,530
Tule Lake division	105	.75	7,875	2	90.00	180	110	.35	3,850	255	60.00	15,300	196	11.00	2,156	56	15.00	840
South Dakota: Belle Fourche	2,736	52.43	143,455				3,277	33.22	108,885	3,714	36.78	136,600	46,461	9.03	419,557	6,141	11.69	71,842
Utah: Strawberry Valley	3,280	70.00	229,600	81	70.00	5,670	12,729	31.00	394,599	3,000	55.00	165,000	18,000	10.00	180,000	2,878	18.00	51,804
Washington: Okanogan	302	45.71	13,805	6	87.50	525	145	28.70	4,160	309	52.07	16,091				329	15.50	5,100
Yakima—																		
Sunnyside division	6,292	57.44	361,423	210	69.59	14,615	1,404	47.25	66,346	12,063	56.95	687,041	14,457	10.36	149,780	8,087	13.77	111,414
Tieton division	1,557	63.01	98,105	70	76.29	5,340	191	29.79	5,690	2,752	62.76	172,705	777	9.34	7,258	2,003	14.47	28,983
Wyoming: Shoshone—																		
Garland division	1,471	61.35	90,250	115	71.57	8,231	551	28.14	15,567	1,720	43.82	75,378	5,561	7.19	39,989	666	11.82	7,873
Framme division	424	51.48	21,830	12	59.58	715	89	29.38	2,615	551	40.87	22,520	688	9.97	6,857	249	13.09	3,261
Riverton	4	100	400															
Total and average	77,776	50.91	3,959,923	9,695	78.36	759,748	79,134	34.00	2,682,820	104,937	61.23	6,426,036	275,815	9.40	2,588,678	81,613	11.44	934,193

* Horses and mules.

† Sheep and goats.

Inventory of livestock and equipment on reclamation project farms at close of 1925—Continued

State and project	Fowls			Bees (hives)			Total stock value	Value of equip-ment	Total stock and equip-ment	Increase or decrease in value over 1924		
	Number	Value		Num-ber	Value					Stock	Equip-ment	Total
		Each	Total		Each	Total						
Arizona: Salt River.....	3 346, 590	\$0. 92	\$319, 606	10, 478	\$5. 00	\$52, 390	\$3, 329, 059					
Arizona-California:												
Yuma.....	37, 253	. 96	35, 943	5, 514	7. 09	39, 137	523, 541	544, 470	1, 068, 011	\$34, 240	\$3, 648	
Yuma Auxiliary.....	176	. 97	171				4, 376	11, 633	16, 009	11, 633	16, 009	
California: Orland.....	53, 102	1. 75	93, 125	516	6. 60	3, 403	433, 186	216, 338	649, 524	45, 862	156, 191	
Colorado:												
Grand Valley.....	15, 082	1. 13	17, 057	139	5. 52	768	197, 640	136, 920	334, 560	4, 989	-4, 153	
Uncompahgre.....	61, 248	. 73	44, 693	2, 253	4. 77	10, 749	1, 052, 672	615, 620	1, 668, 292	45, 922	286, 708	
Idaho:												
Boise.....	125, 549	. 67	84, 840	1, 457	4. 00	5, 824	1, 100, 987	558, 306	1, 659, 293	-202, 596	-99, 495	
King Hill.....	5, 907	. 91	5, 394	344	4. 50	1, 558	203, 372	42, 375	245, 747	-29, 355	-13, 284	
Minidoka.....												
Gravity division.....	59, 020	. 54	32, 030	1, 061	3. 96	4, 211	583, 168	398, 136	981, 304	73, 942	71, 064	
South Side pumping division.....	33, 915	. 64	21, 648	517	5. 96	3, 082	401, 631	301, 825	703, 456	40, 037	126, 197	
Montana:												
Huntley.....	24, 015	. 62	14, 949	435	7. 09	3, 085	321, 436	189, 247	510, 683	37, 085	50, 382	
Milk River.....	10, 585	. 75	7, 929				513, 506	175, 725	689, 231	53, 150	82, 100	
Sun River.....												
Fort Shaw division.....	8, 847	1. 33	11, 774	548	13. 44	7, 367	114, 412	50, 685	165, 097	-44	-1, 659	
Greenfields division.....	11, 814	1. 11	13, 076				252, 637	133, 080	385, 717	55, 512	55, 052	
Montana-North Dakota: Lower Yellowstone.....	18, 500	. 68	12, 580	490	10. 00	4, 900	325, 141	207, 240	532, 381	-93, 484	-89, 614	
Nebraska-Wyoming:												
North Platte.....												
Interstate division.....	6 85, 695	. 67	57, 723	924	5. 00	4, 620	814, 673	795, 435	1, 610, 108	75, 040	245, 615	
Fort Laramie division.....	6 40, 374	. 69	28, 012	182	5. 00	910	360, 549	434, 383	794, 932	76, 368	281, 652	
Northport division.....	6 5, 324	. 70	3, 727	126	5. 00	630	58, 241	56, 725	114, 966	11, 778	33, 802	
Nevada: Newlands.....	75, 262	2. 22	152, 094	2, 913	9. 00	26, 234	1, 423, 151	430, 600	232, 468	69, 771	302, 239	
New Mexico: Carlshad.....	6, 293	. 73	4, 605	1, 024	6. 94	7, 164	229, 062	253, 542	482, 604	12, 254	22, 142	
New Mexico-Texas: Rio Grande.....	134, 864	1. 14	153, 708	1, 347	5. 58	7, 528	1, 396, 985	1, 396, 985	2, 785, 200	61, 921	158, 468	
Oregon: Umatilla.....	24, 107	1. 13	27, 241	2, 202	7. 70	16, 955	331, 971	155, 800	487, 771	18, 782	10, 858	
Oregon-California:												
Klamath.....												
Main division.....	29, 674	1. 00	30, 174	346	7. 00	2, 422	782, 728	312, 063	1, 094, 791	138, 943	311, 045	
Tule Lake division.....	2, 170	1. 00	2, 170	56	7. 00	392	32, 763	23, 270	56, 033	10, 843	11, 965	
South Dakota: Belle Fourche.....	35, 730	. 94	33, 479	855	8. 95	7, 652	921, 470	281, 926	1, 203, 396	245, 445	255, 191	

* Includes chickens, valued at \$0.85 each; turkeys, valued at \$3.75 each; and 32 ostriches valued at \$15 each.

* Includes turkeys, valued at \$2 each; other fowls valued at \$0.50 each.

Inventory of livestock and equipment on reclamation project farms at close of 1925—Continued

State and project	Fowls			Bees (hives)			Total stock value	Value of equip- ment	Total stock and equipment	Increase or decrease in value over 1924		
	Number	Value		Num- ber	Value					Stock	Equip- ment	Total
		Each	Total		Each	Total						
Utah: Strawberry Valley.....	61,400	\$0.60	\$56,840	2,600	\$5.00	\$13,000	\$1,076,513	\$467,000	\$1,543,513	361,602	\$8,772	\$370,374
Washington:												
Okanogan.....	8,905	1.00	8,905	148	10.00	1,480	50,066	344,668	394,734	-16,431	75,528	59,097
Yakima—												
Sunnyside division.....	159,986	.94	159,106	4,577	7.53	34,474	1,584,199	673,029	2,257,228	124,692	-58,146	66,546
Tieton division.....	37,257	1.00	37,218	732	3.04	3,087	358,986	630,764	989,750	-1,313	92,497	91,184
Wyoming:												
Shoshone—												
Garland division.....	36,843	.76	28,190	2,075	5.91	12,263	277,081	151,765	429,446	28,473	-50,900	-22,427
Frannie division.....	6,472	1.23	7,949	1,108	10.83	12,003	77,750	51,240	128,990	13,366	-6,063	7,303
Riverton.....							400	3,000	3,400	400	3,000	3,400
Total and average.....	1,561,959	0.95	1,485,956	44,967	6.40	287,888	19,125,242	10,043,795	29,169,037	2,129,953	799,411	2,929,364

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